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JANUARY 1988

ICHTHYOPLANKTON AND STATION DATA FOR CALIFORNIA COOPERATIVE OCEANIC FISHERIES INVESTIGATIONS SURVEY CRUISES IN 1964

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ABSTRACT

This report provides ichthyoplankton and associated station and tow data from California Cooperative Oceanic Fisheries Investigations (CalCOFI) cruises conducted off California and Baja California in 1964. It is the fourteenth report in a series that presents these data for all biological-oceanographic CalCOFI surveys from 1951 to the present. A total of 1199 stations was occupied during 4 quarterly multivessel cruises over a survey area which extended from Pt. Reyes, California to Cape San Lazaro, Mexico and seaward to several hundred miles. The data are listed in a series of 5 tables; the background, methodology, and information necessary for interpretation and quantitative analysis of the data are presented in an accompanying text. All pertinent station and tow data, including volumes of water strained and standard haul factors, are listed in the first table. Another key table lists, by station and month, standardized counts of each of the 154 larval fish categories identified from survey samples. This and previous and subsequent reports make the CalCOFI ichthyoplankton and station data available to all investigators and serve as guides to the newly developed computer data base.

INTRODUCTION

This report, the fourteenth of a series, provides ichthyoplankton and associated station and tow data from California Cooperative Oceanic Fisheries Investigations (CalCOFI) joint biological-oceanographic survey cruises conducted in 1964. This program was initiated in 1949, under the sponsorship of the Marine Research Committee of the State of California, to study the population fluctuations of the Pacific sardine (*Sardinops sagax*) and the environmental factors that may play a role in such fluctuations. CalCOFI, known as the California Cooperative Sardine Research Program from 1949 to 1953, was made up of representatives of the South Pacific Fisheries Investigations (SPFI) of the U.S. Fish and Wildlife Service [now the La Jolla Laboratory, National Marine Fisheries Service (NMFS)], the Scripps Institution of Oceanography (SIO), the California Department of Fish and Game (CDFG), the California Academy of Sciences (CAS) and the Hopkins Marine Station of Stanford University. The first three of these agencies supplied ships and personnel to conduct the sea surveys. NMFS processed the plankton samples and analyzed the ichthyoplankton from them. SIO processed and analyzed the hydrographic samples and measurements and also analyzed invertebrate groups from the plankton samples.

The boundaries, station placement, and sampling frequency for the CalCOFI survey area were based on the results of joint biological and oceanographic cruises conducted by NMFS and SIO during 1939-41. Those cruises were designed to collect sardine eggs and larvae and associated hydrographic data over the entire areal and seasonal spawning range of the species. On these survey cruises, plankton tows were made to 70 m, a depth which

encompassed the vertical distribution of sardine eggs and larvae. Wide-ranging joint biological and oceanographic survey cruises were resumed in 1949 with sardine as the focus; however, an increasing interest in other biological components resulted in the deepening of standard tows to 140 m in 1951. This marked the beginning of truly quantitative ichthyoplankton sampling on CalCOFI surveys.

Data resulting from CalCOFI surveys in 1964 have been published in a number of forms. Hydrographic data (Univ. of Calif., SIO, 1965, 1966) and zooplankton volumes (Smith, 1971) were presented in standard formats. Distributional maps of larvae of 5 taxa taken on CalCOFI surveys during 1960 are presented in the CalCOFI Atlas series: northern anchovy (*Engraulis mordax*), Kramer and Ahlstrom, 1968; jack mackerel (*Trachurus symmetricus*) and Pacific hake (*Merluccius productus*), Ahlstrom, 1969; Pacific sardine (*Sardinops sagax*), Kramer, 1970; rockfish (*Sebastes* spp.), Ahlstrom et al., 1978. Distribution and abundance data for northern anchovy and Pacific sardine larvae from 1951 to 1964 are summarized by Ahlstrom (1966).

A computer data base for eggs and larvae of sardine and anchovy, for larvae of hake, jack mackerel and Pacific mackerel (*Scomber japonicus*), and for eggs for Pacific saury (*Cololabis saira*) was established in 1969. The development of a data base for other fish larvae is a complex undertaking because competency of identification has evolved steadily over the past 38 years. We began the task of producing a CalCOFI ichthyoplankton data base and associated data report series in 1983. All available original records for 1964 were subjected to an extensive verification and editing process to produce this report. This and previous (Ambrose et al., 1987a,b,c; 1988; Sandknop et al., 1987a,b; 1988; Stevens et al., 1987a,b,c; Sumida et al., 1987a,b; 1988) and subsequent reports make the CalCOFI ichthyoplankton and station data available to all investigators and serve as guides to the computer data base. The data base will be modified when additional errors are discovered and when composite taxa from the earlier years are reidentified. These reports are the fundamental reference documents against which subsequent changes in the data base can be compared.

SAMPLING AREA AND PATTERN

In 1964, CalCOFI survey cruises were conducted at quarterly intervals. A total of 1199 stations included in this data base was occupied on 4 quarterly cruises, with an average of 300 stations per cruise (range 213-370). Coverage of the survey station pattern varied among cruises and the entire survey area was not covered on any single cruise (Figures 1-5, Table 1). Stations off northern California (lines 40-57) were not surveyed in 1964. The area off central California (lines 60-77) was surveyed on all cruises except 6410 (October-November). The area between Pt. Conception, California and Pt. San Juanico, Baja

California (lines 80-137) was surveyed on all cruises. Line 140 off Cape San Lazaro, was occupied out to station 50 on Cruises 6401 and 6407. Coverage extended seaward to station 200 (approximately 600-700 miles offshore) on lines 90 and 100 during Cruise 6401 and on lines 63, 70, 80 and 90 during Cruise 6407, but typically did not extend beyond station 90 (approximately 160-260 miles offshore)¹. Some inshore stations were occupied during 1964 which were not covered on early CalCOFI surveys. These stations were included in the data base (Table 1) but omitted from the station plots (Figures 2-5).

Two vessels were employed on these cruises: the *Black Douglas* of NMFS and the *Alexander Agassiz* of SIO. The *Black Douglas* participated on all four cruises and the *Agassiz* was used on three (Univ. of Calif., SIO, 1965, 1966).

SAMPLING GEAR AND METHODS

The standard CalCOFI net used from 1949 to 1969 had a 1-m diameter mouth opening (0.785 m^2 area) and an overall length of about 5 m. The net was constructed of 30xxx gauze, a heavy duty grade of silk bolting cloth, with a mesh size of 0.55 mm after shrinkage. The last 40 cm of the cone and the cod end were constructed of 56xxx grit gauze which had a mesh size of 0.25 mm after shrinkage. The net ring was fastened to a short 3-lead bridle connected to several meters of line which attached to the towing cable by a clamp. A current meter was suspended in the center of the net mouth to measure volume of water filtered (see Kramer et al., 1972, for further details).

The standard tow from 1951 through 1968 was an oblique haul to 140 m depth (to 15 m of the bottom in shallow areas) designed to filter a constant amount of water per depth interval (ca. $3\text{m}^3/\text{m}$ of depth) over the vertical range of most ichthyoplankters. Hauls were made at a ship speed of 1.5-2.0 knots and initiated by clamping the net line to the towing cable with the 45 kg terminal

¹CalCOFI lines (Figure 6) are arranged perpendicular to the coastline and extend from the Canadian border (line 10) to below Cape San Lucas, Baja California (line 157). Stations were established on the basis of a perpendicular to line 80 (off Pt. Conception) at a point designated as station 60. Stations were plotted seaward and shoreward from station 60 on each line. Cardinal CalCOFI lines (those ending in "0") are 120 miles apart and usually bracket two ordinal lines (ending in "3" or "7"), so that lines are 40 miles apart over most of the pattern. Cardinal stations are 40 miles apart and typically these are separated by a station number ending in "5" so that stations are 20 miles apart out to station 90 on most lines. Stations are placed at closer intervals near the coast and islands to accommodate these features (see Kramer et al., 1972 for further details).

weight about 10-15 m below the surface. The net was lowered to 140 m depth by paying out 200 m of wire over a 4 minute period (35 m of depth/min.). After fishing at depth for 30 seconds, the net was retrieved at 20 m/min. (14 m depth/min.). The angle of stray of the towing cable was recorded every 30 seconds and maintained at 45° ($+3^{\circ}$) by adjusting the ship speed and course. After reaching the surface, the net was washed down and the samples preserved in 5% formalin buffered with sodium borate. Flowmeter readings were made at the beginning and end of each tow. Detailed descriptions of gear and methods are given by Ahlstrom (1953), Kramer et al. (1972), and Smith and Richardson (1977).

LABORATORY PROCEDURES

Laboratory processing began with the determination of a displacement volume for each sample (methods described in Staff, SPFI, 1953 and Kramer et al., 1972). Zooplankton volumes (including ichthyoplankton) of samples collected in 1964 are presented graphically in Smith (1971).

Sorting involved the removal of ichthyoplankton from the sample and identification and separation of: eggs and larvae of Pacific sardine and northern anchovy; larvae of Pacific hake; and eggs of Pacific saury. Usually, each sample was sorted completely; however, some of the samples were fractioned into aliquots using a Folsom plankton splitter (McEwen et al., 1954) prior to sorting. Several criteria² were used to determine whether a sample was fractioned: samples containing an abundance of thaliacians and coelenterates and exceeding 150 ml in total plankton volume were fractioned (to 50%, 25%, 12.5%, or 6.25%) to approximate a reduced volume of 50 ml for sorting; samples with an excessive quantity of fish eggs and/or larvae were occasionally fractioned to expedite the sorting process in order to meet scheduled deadlines. If the identified fraction of an aliquot yielded rare or interesting species of fish larvae, the remaining fraction was frequently sorted and identified with the intent of finding additional specimens. Aliquot percentages for fractioned samples from 1964 are listed in Table 1 under the "Percent Sorted" column; 1.9% of the samples collected in 1964 were fractioned.

A "standard haul factor" (SHF) was calculated for each tow to make them comparable and allow estimations of areal abundance. This factor adjusts the number of eggs or larvae in a haul to the number in 10 m^3 of water strained per meter of depth fished. If the vertical distribution of the species has been encompassed, then the adjusted value is equivalent to the number under 10 m^2 of sea surface. The SHF is calculated for each haul by the formula:

²Personal communication, James R. Thrailkill, National Marine Fisheries Service, Southwest Fisheries Center, La Jolla, CA.

$$SHF = \frac{10 D}{V}$$

where D = depth of haul = cosine of the average angle of stray of the towing cable multiplied by cable length (m)

V = total volume of water (m³) strained during the haul

$$V = R \cdot a \cdot p$$

where R = total number of revolutions of the current meter during the haul

a = area (m²) of the mouth of the net

p = length of column of water (m) needed to produce one revolution of the current meter.

Tow depth, volume of water strained, and standard haul factor are listed in Table 1 for each tow taken during 1964. Detailed descriptions of factors involved in calculating these values are presented in Ahlstrom (1948), Kramer et al. (1972), and Smith and Richardson (1977).

IDENTIFICATION

Identification of ichthyoplankton species beyond those separated during the sorting process was carried out by a separate group of specialists. Ontogenetic stages of fishes are inherently difficult to identify and this is further complicated by the large number and diversity of species which contribute to the ichthyoplankton of the California Current region. Most identifications were accomplished by establishing ontogenetic series on the basis of morphology, meristics, and pigmentation and then identifying these series by relating them to known metamorphic, juvenile, or adult stages with overlapping features (Powles and Markle, 1984). A total of 152 taxa was identified for 1964, with 85 taken to species, 31 to genus, 30 to family, and 6 to order or suborder. Beginning in 1961, larvae in the families Paralepididae and Labridae were identified to genus or species.

The task of producing a reliable and equitable ichthyoplankton data base required extensive procedures to verify, correct, and edit the original identifications. The primary data source was the original identification sheets (see Kramer et al., 1972, for examples); however, a critical resource used in all phases of this process was the CalCOFI ichthyoplankton collection in which the samples are archived. Throughout the course of CalCOFI ichthyoplankton studies, samples have been identified to the lowest taxon possible. In reviewing

these identifications for the data base, our approach has been conservative and we have preserved those identifications and counts which we could confirm, while correcting as many of the errors as possible. After computer entry, taxonomic errors and inconsistencies in the data base were corrected and the most obvious identification errors were corrected. Our current knowledge of ichthyoplankton techniques coupled with a precise understanding of the development of identification competency in the program over the years allowed us to critically judge the historical records. Identifications were changed to different taxa, lumped to a higher taxonomic category, or given a more precise taxonomic name. In some cases, identifications of a taxon were inconsistent among cruises in a year. These records were made equitable by lumping to the higher taxonomic category to avoid biases that could result in quantitative misinterpretations.

Next, statistical, seasonal, and geographic outliers were identified, employing a series of graphic summaries and listings. Examination of geographic outliers proved to be especially effective because of our accumulated knowledge of species distributions. In the course of examining samples for these outliers, other identification errors were discovered and eventually all taxa were scrutinized to some extent. Lastly, certain taxa were reexamined in all samples for the entire CalCOFI time series. These taxa were selected because of their commercial, ecological, phylogenetic, or zoogeographic importance or because taxonomic confusion was at the ordinal level. The following is a list of the taxa for 1964 which received special attention, with explanations and caveats intended to aid in quantitative interpretations:

Anguilliformes - tentative and sporadic identifications to family or lower taxon lumped to order.

Sardinops sagax - all specimens south of line 120 checked for misidentification of *Opisthonema* spp.

Engraulis mordax - some nearshore samples of small *E. mordax* may contain other anchovy genera which could not be differentiated.

Nansenia spp. - all specimens checked and identified as *N. candida* or *N. crassa*; all specimens of these species near their range boundaries checked.

Bathylagus spp. - includes small and/or disintegrated specimens of *Bathylagus* or *Leuroglossus stilbius*.

Stomiiformes - all specimens checked and identified to genus or species; residuals are small, poorly preserved or unavailable specimens.

Vinciguerria lucetia - specimens taken seaward of station 100 checked for misidentification of *V. poweriae*; some *V.*

poweriae may remain in *V. lucetia* samples from these stations because small larvae of the two species could not be differentiated; sporadic identification of *V. poweriae* began in 1961.

Sternoptychidae - tentative and sporadic identifications of hatchetfishes to genus were lumped to family.

Bathophilus spp. - all specimens checked.

Eustomias spp. - specimen checked.

Photonectes spp. - all specimens checked.

Tactostoma macropus - all specimens checked.

Paralepididae - all specimens examined and identified to species; residuals are small, poorly preserved or unavailable specimens.

Scopelarchidae - tentative and sporadic identifications to genus lumped to family.

Lampanyctus spp. - tentative and sporadic identifications to species lumped to genus.

Lampanyctus regalis - underrepresented because of inability to differentiate small larvae (<5 mm) from those of other species of the genus; counts may include other species of the genus because of difficulty in identifying larvae of this large and complex genus.

Lampanyctus ritteri - comment for *L. regalis* applies to this species.

Stenobranchius leucopsarus - all specimens taken south of line 120 and seaward of station 100 checked.

Triphoturus mexicanus - specimens taken seaward of station 100 checked for misidentification of *T. nigrescens*.

Centrobranchus spp. - all specimens checked.

Diogenichthys atlanticus - all specimens at margins of range checked.

Diogenichthys laternatus - all specimens at margins of range checked.

Electrona rissoi - recognition of this species was inconsistent and others may be included in *Protomyctophum crockeri* or Myctophidae.

Hygophum spp. - all specimens reidentified to species; residuals are small, poorly preserved or unavailable specimens.

Hygophum atratum - all specimens checked.

Hygophum reinhardtii - all specimens checked.

Protomyctophum crockeri - some samples on northern lines may contain *P. thompsoni*, which was not identified originally.

Microgadus proximus - all specimens checked.

Physiculus spp. - specimen checked.

Ophidiiformes - this category did not exist originally and ophidiiform larvae were included in *Brosmophycis marginata*, Carapidae, "*Otophidium*", "Zoarcidae", and "blenny"; identifications of *B. marginata* and Carapidae proved to be mostly correct and "Zoarcidae" to be a yet unidentified ophidiiform species; all "*Otophidium*" and "blenny" were reexamined and the former included *Ophidion scrippsae*, *Chilara taylori* and other ophidiiform taxa (moved to order); "blenny" contained *O. scrippsae*, *C. taylori*, and other ophidiiform taxa in addition to true blennioids.

Trachipteridae - tentative and sporadic identifications to genus were lumped to family.

Melamphaes spp. - all identifications ascribed to Melamphaidae were reexamined and assigned to genus (*Melamphaes*, *Poromitra*) or species (*Scopelogadus bispinosus*, *Scopeloberyx robustus*); larvae originally identified as *Melamphaes* spp. were not reexamined and this category may contain other melamphaid genera.

Cottidae - all specimens checked.

Oxylebius pictus - all specimens checked.

Zaniolepis spp. - all specimens checked.

Sebastes spp. - category may contain other scorpaenid genera, particularly in samples south of line 120.

Blennioidei - this is the residual of the completely reexamined "blenny" category, which also contained various misidentified ophidiiforms, and is now restricted to members of northern stichaeioid families and true blennioids (other than *Hypsoblenius* spp.) in the southern part of the pattern).

Labridae - all specimens originally identified to this family were reexamined and assigned to genus (*Halichoeres* spp.) or species (*Oxyjulis californica*, *Semicossyphus pulcher*).

Pomacentridae - all specimens checked; now includes species other than *Chromis punctipinnis*, primarily in the south.

Chromis punctipinnis - specimens taken south of line 120 checked.

Mugil spp. - all specimens checked.

Howella brodiei - all specimens checked; originally identified as Apogonidae; in this report we list *H. brodiei* in the family Apogonidae for convenience, recognizing that its systematic affinities are not resolved.

Carangidae - all specimens checked; tentative and sporadic identifications to genus or species (except *Trachurus symmetricus* and *Seriola lalandi*) were lumped to family.

Seriola lalandi - all specimens checked.

Gerreidae - tentative and sporadic identifications to genus were lumped to family.

Haemulidae - tentative and sporadic identifications to genus lumped to family.

Girella nigricans - all specimens checked.

Medialuna californiensis - all specimens checked.

Caulolatilus princeps - all specimens checked.

Sciaenidae - tentative and sporadic identifications to genus lumped to family.

Scombridae - all larvae identified to this family or constituent taxa (except *Scomber japonicus*) were reexamined and reassigned; residuals are small, poorly preserved or unavailable specimens.

Nomeidae - tentative identifications to genus lumped to family.

Pleuronectiformes - all specimens of this category (originally called "flatfish") were examined and reidentified; residuals are small, poorly preserved or unavailable specimens.

Citharichthys spp. - all larvae identified to species were lumped to the genus except *C. stigmaeus*; category includes *Etropus* spp. larvae.

Citharichthys stigmaeus - includes larvae larger than ca. 4.5 mm; smaller larvae are in *Citharichthys* spp.

Paralichthys spp. - all specimens of this genus were examined and most were assigned to *P. californicus* or *Xystreureys liolepis*.

Xystreureys liolepis - originally misidentified as *Paralichthys californicus*; all specimens reidentified.

Glyptocephalus zachirus - all specimens examined.

Hypsopsetta guttulata - specimens were originally identified as *Pleuronichthys* spp.

Lepidopsetta bilineata - specimen checked; originally identified as *Psettichthys melanostictus*.

Pleuronichthys spp. - all larvae of this genus and constituent species were examined and assigned to species; residuals are small, poorly preserved or unavailable specimens.

Psettichthys melanostictus - all specimens examined.

COMPUTER ENTRY AND EDITING

Each taxon on the original identification sheets was given a 3-digit code based on the list of codes in Haight et al. (1979). Taxon codes and counts from these sheets were keypunched by cruise and station, along with pertinent station and tow data and entered into the VAX 11/780 computer at the University of California, San Diego, Computing Center. After entries were completed for an entire year, print-out listings of taxa and counts on each station were compared with the original data sheets to eliminate keypunch errors. Next, data in the file were cross-checked with data on an existing file which contained: station and tow data; numbers of eggs of sardine, anchovy, and saury; numbers of larvae of sardine, anchovy, hake, jack mackerel, and Pacific mackerel; total number of fish eggs; and total number of fish larvae.

Discrepancies in ichthyoplankton data in these two files were corrected by inspecting original records from the sorting laboratory, the original ichthyoplankton identification sheets, and the samples themselves. Station and tow data discrepancies between the two files were corrected by reviewing ships' logs and deck tow sheets, original records from the sorting laboratory, cruise announcements, publications, header information on the ichthyoplankton identification sheets, and station plots generated for each cruise. Eventually all station and tow data were checked by comparing these sources.

The corrected ichthyoplankton data base was then examined statistically and outliers were found and checked as above. Distributional plots were then prepared for each taxon and these were checked by reviewing the data sources mentioned above and by examining archived specimens. A listing of each taxon by station (Table 4) was produced, which became the primary document for subsequent checks. Misidentifications found in geographic outlier checks and other misidentifications and data problems discovered in the course of examining archived samples resulted in several iterations of Table 4. Finally, totals in Table 4 were checked against annual summaries of incidence and abundance (Tables 2 and 3). Ecological analyses of the data were conducted

concurrently with editing procedures and provided cross-checks that allowed correction of errors.

SPECIES SUMMARY

Larvae of northern anchovy (*Engraulis mordax*) represented 57.2% of all fish larvae taken on CalCOFI cruises during 1964 and numbered more than six and one-half times as many as the gonostomatid *Vinciguerria lucetia*, the next most abundant species with 8.6% of the total larvae (Tables 2, 3). Northern anchovy also ranked first in incidence; *V. lucetia* ranked 4th. Larvae of *Sebastes* spp., a composite of about 70 species, ranked 4th in abundance (5.4%) and 2nd in occurrence. The next most abundant species was Pacific hake, *Merluccius productus*, with 3.3% of total larvae; it ranked 9th in occurrence. A deepsea smelt, *Leuroglossus stilbius*, ranked 5th in abundance (3.2%) and occurrence. The myctophid *Triphoturus mexicanus* ranked 6th in abundance and 3rd in occurrence. Another myctophid, *Stenobranchius leucopsarus*, also ranked in the top 10 in both abundance (7th) and occurrence (6th). Jack mackerel larvae (*Trachurus symmetricus*) and larvae of Pacific sardine (*Sardinops sagax*) ranked 8th and 9th in abundance but only 15th and 28th in occurrence, suggesting relatively large sample sizes. The sanddab genus *Citharichthys* completed the 10 most abundant taxa ranking 10th in numbers and 11th in occurrence. These 10 top-ranking taxa contributed 88.5% of all larvae taken during 1964. The remaining 11.5% was represented by 142 taxa plus the unidentified and disintegrated categories. Of the 10 taxa, 4 were midwater species, 3 were coastal demersal species or generic groupings, and 3 were coastal pelagic species.

EXPLANATION OF TABLES

Table 1 - This table lists by cruise the pertinent station and tow data for 1964, the volume of water filtered and standard haul factor for each tow, the percent of sample sorted, and the total numbers of fish eggs and larvae. CalCOFI cruises are designated by four digits; the first two indicate the year and the second two the month. Within each cruise the data are listed in order of increasing line and station number (southerly and seaward directions); the order of station occupancy is shown on the station charts (Figures 2-5). Stations are designated by two groups of digits; the first set indicates the line and decimal fraction and the second set indicates the station on the line. Time is listed as Pacific Standard Time at the start of each tow in 24-hour designation. Methods for determining tow depth, volume of water strained, standard haul factor, and percent sorted were described in the methods section. The values for total fish eggs and larvae

represent raw counts (unadjusted for percent sorted or standard haul factor). Ship codes are as follows: AX, *Alexander Agassiz*; BD, *Black Douglas*.

Table 2 - This table lists pooled occurrences of all larval fish taxa taken during 1964 in ranked order.

Table 3 - This table lists pooled counts of all larval fish taxa taken during 1964 in ranked order. Numbers are adjusted for percent sorted and standard haul factors.

Table 4 - This table gives numbers of fish larvae for each taxon, listed by station and calendar month in which the tow was taken. Counts are adjusted for percent of sample sorted and standard haul factor. The orders are listed in "phylogenetic" sequence modified from Nelson (1984). Subtaxa within each order are listed alphabetically. Page numbers for each taxon are given in the index at the end of the report.

Table 5 - This table is a summary of pooled occurrences of all larval fish taxa taken on CalCOFI surveys from 1961 to 1969. Taxa are listed in the same order as in Table 4.

ACKNOWLEDGMENTS

Lois Hunter and Elizabeth Stevens originally identified larvae from CalCOFI cruises of 1964. Ronald Whyte coded each larval fish taxon or type and Rita Ford entered them into the computer. Debby Snow efficiently assisted in all aspects of data editing and retrieval. Larry Zins and James Ryan provided programming assistance. Dorothy Roll designed the CalCOFI data acquisition system and provided data processing support. Ken Raymond, Roy Allen, and Henry Orr helped with graphics and production of the report. Lorraine Prescott and Diane Forsythe prepared the manuscript for printing. Paul Smith determined statistical outliers, provided assistance during geographical outlier checks and offered helpful suggestions throughout the project. Izadore Barrett, Director of the Southwest Fisheries Center and Reuben Lasker, Chief, Coastal Fisheries Resources Division, SWFC, provided the support critical to the completion of the project. James Thrailkill planned CalCOFI surveys and supervised cruises, data handling, and plankton sorting from 1949 to 1986 and is largely responsible for the high quality of these operations. Without the vision and direction of Elbert Ahlstrom and Elton Sette and the dedicated efforts of the many people who collected, processed, and analyzed the samples, this data base would not exist.

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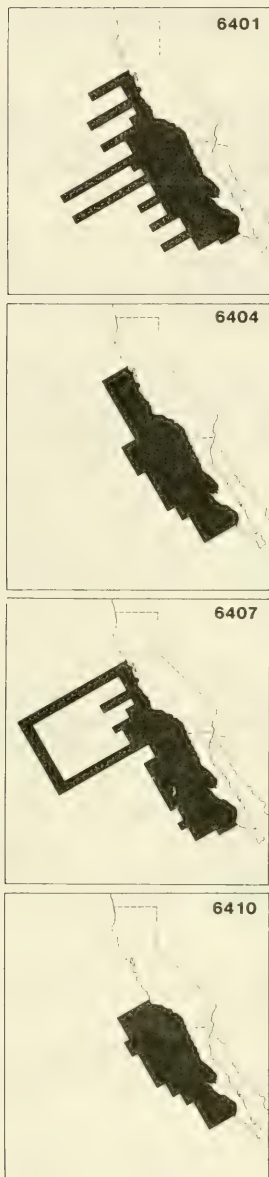


Figure 1. Composite arrangement of diagrammatic charts showing areas sampled on each CalCOFI cruise during 1964.

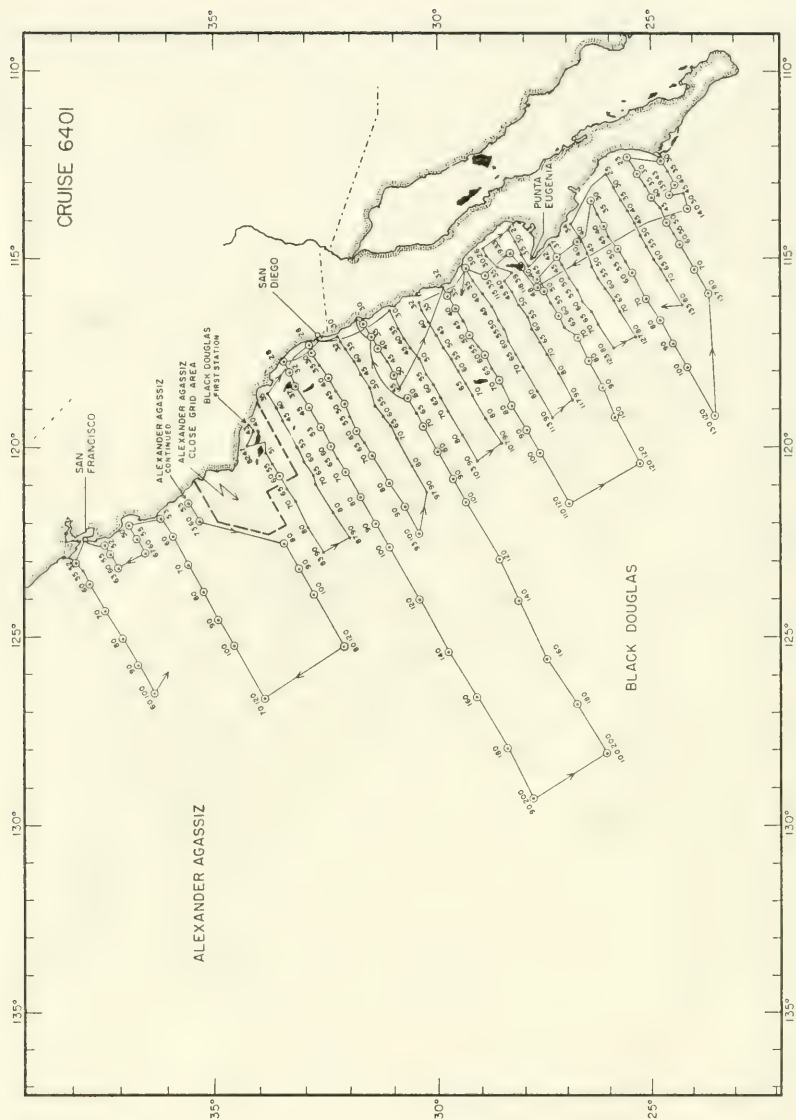


Figure 2. Station pattern for CalCOFI Cruise 6401 showing tracks for each vessel. Stations with plankton tows are indicated by a dot; circles designate hydrographic stations. Figures 2-5 modified from charts in Univ. of Calif., SIO (1965, 1966) to include only those stations listed in Table 1 of this report; see Table 1 for inshore stations not shown on charts.



Figure 3. Station pattern for CalCOFI Cruise 6404. Symbols as in Figure 2.

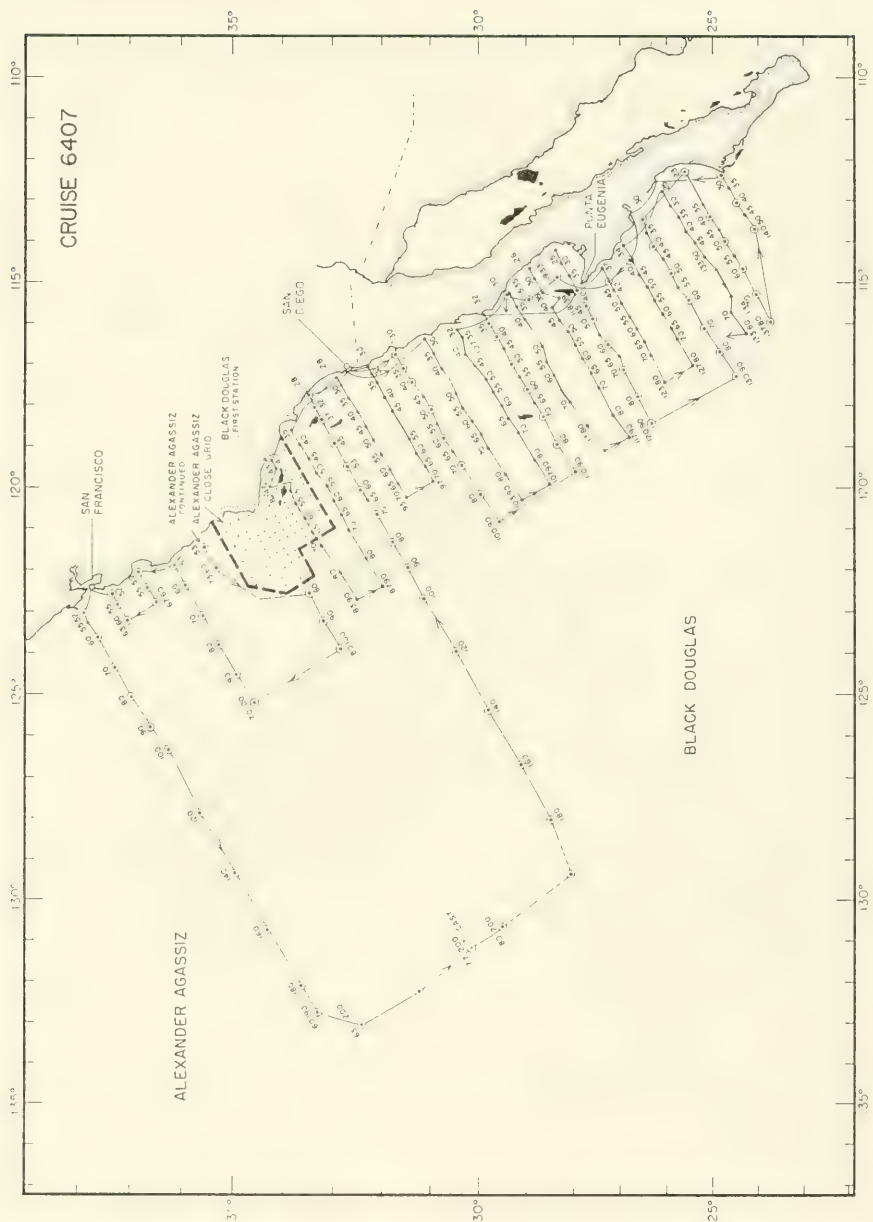


Figure 4. Station pattern for CalCOFI Cruise 6407. Symbols as in Figure 2.



Figure 5. Station pattern for CalCOFI Cruise 6410. Symbols as in Figure 2.

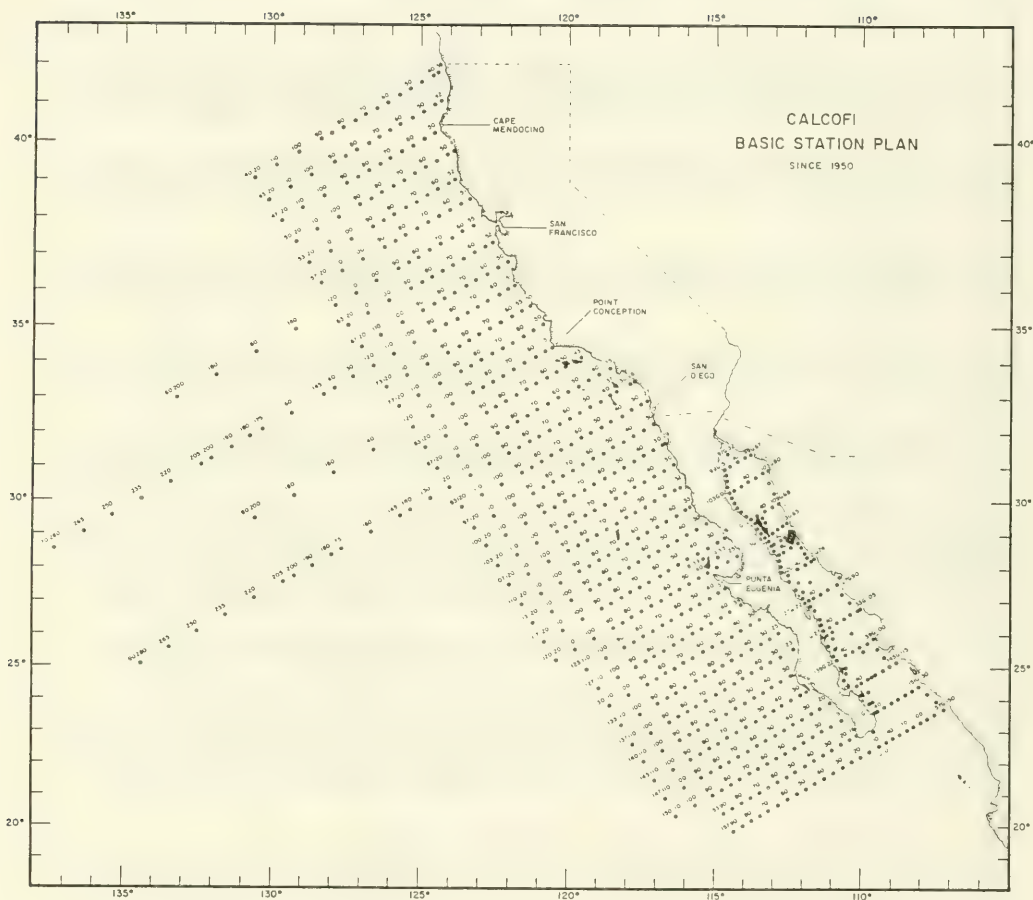


TABLE 1. Station and plankton tow data for CalCOFI cruises in 1964. Counts for fish eggs and larvae are not adjusted for standard haul factor or percent of sample sorted.

CalCOFI Cruise 6401

Line	Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
60.0	49.2	37 59.0	122 49.5	AX	64 01 31	1744	14	511	0.28	100.0	0	4
60.0	50.0	37 57.5	122 53.2	AX	64 01 31	1829	36	261	1.38	100.0	5	246
60.0	51.0	37 55.5	122 57.0	AX	64 01 31	1909	42	187	2.27	100.0	211	125
60.0	52.0	37 53.5	123 01.8	AX	64 01 31	2008	54	338	1.60	100.0	14	23
60.0	55.0	37 46.6	123 15.2	AX	64 01 31	2142	106	403	2.62	100.0	109	172
60.0	60.0	37 37.7	123 37.0	AX	64 02 01	0630	142	517	2.74	100.0	83	60
60.0	70.0	37 17.5	124 20.4	AX	64 02 01	1111	140	529	2.65	100.0	35	12
60.0	80.0	36 57.0	125 03.5	AX	64 02 01	1921	138	541	2.55	100.0	6	3
60.0	90.0	36 37.5	125 46.5	AX	64 02 02	0211	130	583	2.23	100.0	5	5
60.0	100.0	36 17.5	126 29.5	AX	64 02 02	0721	141	542	2.60	100.0	1	1
63.0	49.7	37 24.0	122 26.4	AX	64 01 29	1050	14	541	0.26	100.0	244	1067
63.0	50.0	37 23.2	122 27.8	AX	64 01 29	1019	22	258	0.87	100.0	541	5624
63.0	51.0	37 21.4	122 32.0	AX	64 01 29	0944	45	432	1.03	100.0	170	4739
63.0	52.0	37 18.6	122 36.7	AX	64 01 29	0858	67	275	2.45	100.0	347	185
63.0	55.0	37 12.5	122 50.0	AX	64 01 29	0636	143	532	2.69	100.0	546	125
63.0	60.0	37 02.5	123 11.1	AX	64 01 29	0356	140	520	2.69	100.0	191	43
67.0	47.3	36 54.4	121 53.0	AX	64 01 28	1409	6	608	0.10	100.0	61	9500
67.0	48.0	36 53.0	121 55.9	AX	64 01 28	1457	26	550	0.52	100.0	16	1493
67.0	49.0	36 50.9	122 00.2	AX	64 01 28	1549	47	483	0.96	100.0	85	2102
67.0	50.0	36 49.0	122 04.5	AX	64 01 28	1653	69	260	2.65	100.0	337	927
67.0	55.0	36 39.0	122 26.0	AX	64 01 28	1956	140	505	2.78	100.0	120	82
67.0	60.0	36 29.3	122 47.5	AX	64 01 28	2246	140	513	2.73	100.0	169	65
70.0	50.0	36 11.5	121 44.0	AX	64 01 28	0831	140	516	2.72	100.0	133	41
70.0	51.0	36 10.5	121 45.5	AX	64 01 28	0756	140	504	2.78	100.0	104	184
70.0	52.0	36 08.5	121 50.0	AX	64 01 28	0706	141	502	2.81	100.0	213	110
70.0	53.0	36 06.5	121 53.8	AX	64 01 28	0611	140	510	2.74	100.0	326	178
70.0	60.0	35 53.0	122 20.9	AX	64 01 28	0206	139	575	2.42	100.0	21	99
70.0	70.0	35 33.0	123 06.0	AX	64 01 27	2011	145	476	3.05	100.0	19	55
70.0	80.0	35 13.0	123 48.0	AX	64 01 27	1456	134	530	2.53	100.0	3	12
70.0	90.0	34 54.0	124 30.8	AX	64 01 27	1016	140	536	2.61	100.0	22	14
70.0	100.0	34 33.0	125 12.0	AX	64 01 27	0511	142	525	2.71	100.0	10	9
70.0	120.0	33 53.0	126 36.0	AX	64 01 26	2046	141	510	2.76	100.0	11	8
73.0	49.4	35 37.9	121 14.0	AX	64 01 24	1219	21	505	0.42	100.0	124	1427
73.0	50.0	35 37.0	121 16.8	AX	64 01 24	1313	67	410	1.64	100.0	404	110
73.0	51.0	35 34.9	121 21.0	AX	64 01 24	1401	133	461	2.71	100.0	293	114
73.0	53.0	35 31.6	121 28.8	AX	64 01 24	1606	141	501	2.82	100.0	473	152
73.0	60.0	35 18.0	121 57.5	AX	64 01 24	2051	140	549	2.54	100.0	48	127
76.2	49.8	35 12.6	120 57.1	AX	64 01 22	1327	110	495	2.21	100.0	283	614
76.2	52.2	35 08.0	121 07.8	AX	64 01 22	1131	132	684	1.93	100.0	348	1013
76.2	54.6	35 03.0	121 17.0	AX	64 01 22	0806	155	697	2.22	100.0	404	1009
76.2	57.0	34 58.0	121 27.5	AX	64 01 22	0541	166	716	2.32	100.0	232	1326
76.2	60.0	34 52.0	121 40.0	AX	64 01 22	0301	145	680	2.13	100.0	80	4564
76.2	63.3	34 45.0	121 54.0	AX	64 01 21	1941	120	635	1.89	100.0	92	161

TABLE 1. (cont.)

CalCOFI Cruise 6401

Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
76.2	66.7	34 37.8	AX	64 01 21	1657	145	682	2.13	100.0	25	188
76.2	70.0	34 32.0	AX	64 01 21	1316	136	508	2.68	100.0	49	203
77.0	47.6	35 09.0	AX	64 01 19	1620	7	539	0.13	100.0	37	3928
77.0	48.0	35 08.3	AX	64 01 19	1704	22	490	0.48	100.0	133	2599
77.0	49.0	35 08.3	AX	64 01 19	1809	50	451	1.11	100.0	403	581
77.0	51.0	35 02.0	AX	64 01 19	2026	140	438	3.06	100.0	274	221
77.0	52.9	34 57.5	AX	64 01 19	2226	141	466	3.03	100.0	363	499
77.0	55.0	34 53.7	AX	64 01 20	0341	140	483	2.91	100.0	407	648
77.0	57.6	34 48.7	AX	64 01 20	0541	140	491	2.85	100.0	231	538
77.0	60.0	34 44.0	AX	64 01 20	0746	144	476	3.03	100.0	137	860
77.0	63.3	34 37.0	AX	64 01 20	1056	143	485	2.95	100.0	46	529
77.0	66.7	34 30.0	AX	64 01 21	1046	112	577	1.95	100.0	71	423
77.0	70.0	34 24.2	AX	64 01 21	1046	142	514	2.76	100.0	45	120
77.8	51.1	34 52.2	AX	64 01 19	0811	141	495	2.85	100.0	77	104
77.8	54.0	34 48.5	AX	64 01 19	0811	142	501	2.84	100.0	282	803
77.8	57.0	34 40.4	AX	64 01 19	0451	146	515	2.83	100.0	217	689
77.8	60.0	34 34.9	AX	64 01 19	0101	138	512	2.70	100.0	94	1148
77.8	63.3	34 27.6	AX	64 01 18	2236	141	504	2.80	100.0	86	2424
77.8	66.7	34 21.0	AX	64 01 18	2006	142	510	2.78	100.0	261	593
77.8	70.0	34 14.5	AX	64 01 18	1741	142	518	2.74	100.0	101	71
78.5	52.5	34 41.0	AX	64 01 17	1706	140	469	2.97	100.0	32	173
78.5	54.5	34 37.6	AX	64 01 17	2101	143	531	2.70	100.0	91	994
78.5	57.2	34 31.6	AX	64 01 18	0026	142	510	2.79	100.0	126	1094
78.5	60.0	34 25.1	AX	64 01 18	0251	141	500	2.82	100.0	127	1448
78.5	63.3	34 18.5	AX	64 01 18	0536	142	488	2.90	100.0	340	1399
78.5	66.7	34 15.5	AX	64 01 18	0811	142	506	2.81	100.0	114	193
78.5	70.0	34 05.8	AX	64 01 18	1036	143	518	2.76	100.0	57	48
78.5	74.0	33 57.0	AX	64 01 18	1446	139	519	2.67	100.0	11	94
79.2	52.6	34 31.7	AX	64 01 17	1221	140	467	2.99	100.0	133	511
79.2	54.4	34 28.6	AX	64 01 17	1016	145	460	3.15	100.0	104	946
79.2	57.3	34 22.5	AX	64 01 17	0723	141	465	3.04	100.0	294	1796
79.2	60.0	34 17.5	AX	64 01 17	0526	140	478	2.94	100.0	147	1456
79.2	63.3	34 10.6	AX	64 01 17	0236	140	488	2.86	100.0	72	1076
79.2	66.7	34 04.2	AX	64 01 17	0011	136	469	2.91	100.0	48	152
79.2	70.0	33 57.0	AX	64 01 16	2141	141	484	2.92	100.0	41	43
79.2	74.0	33 48.5	AX	64 01 16	1726	142	478	2.96	100.0	12	36
80.0	50.2	34 27.0	AX	64 01 15	1214	22	488	0.45	100.0	49	403
80.0	51.0	34 26.2	AX	64 01 15	1351	136	454	2.99	100.0	181	295
80.0	52.0	34 24.3	AX	64 01 15	1426	136	516	2.64	100.0	151	1019
80.0	53.0	34 22.6	AX	64 01 15	1631	142	477	2.97	100.0	158	851
80.0	55.0	34 18.7	AX	64 01 15	2026	141	509	2.77	100.0	194	403
80.0	57.6	34 13.0	AX	64 01 16	0026	135	516	2.61	100.0	327	1652
80.0	60.0	34 09.0	AX	64 01 16	0256	142	473	3.00	100.0	279	881
80.0	63.3	34 02.6	AX	64 01 16	0521	139	493	3.00	100.0	111	916
80.0	66.7	33 55.0	AX	64 01 16	0816	141	453	3.11	100.0	17	180

TABLE 1. (cont.)

CalCOFI Cruise 6401

Line	Station	Lat. (N)	Long. (W)	Ship	Tow	Time	Tow	Vol.	Stand-	Percent	Total	Total
		deg. min.	deg. min.	Code	yr. mo. day	(PS)	Depth	Water	ard	Sorted	Larvae	Eggs
							(m)	(cu. m)	Factor			
80.0	70.0	33 48.2	121 51.0	AX	64 01 16	1106	141	465	3.03	100.0	11	116
80.0	74.0	33 40.0	122 07.0	AX	64 01 16	1511	133	517	2.58	100.0	13	101
80.0	80.0	33 28.5	122 32.5	AX	64 01 25	0756	140	502	2.78	100.0	34	398
80.0	90.0	33 08.0	123 13.9	AX	64 01 25	1326	141	505	2.78	100.0	9	153
80.0	100.0	32 49.0	123 54.0	AX	64 01 25	1811	141	522	2.71	100.0	39	35
80.0	120.0	32 08.4	125 15.1	AX	64 01 26	0356	141	501	2.82	100.0	6	28
80.8	47.7	34 24.0	120 12.5	AX	64 01 15	1011	142	500	2.83	100.0	86	2163
80.8	51.0	34 17.5	120 26.0	AX	64 01 15	0741	142	508	2.79	100.0	225	814
80.8	54.0	34 11.5	120 38.5	AX	64 01 15	0526	141	496	2.84	100.0	108	2763
80.8	57.0	34 05.5	120 51.5	AX	64 01 14	0216	137	526	2.61	100.0	163	719
80.8	60.0	34 00.0	121 04.0	AX	64 01 14	0046	133	511	2.61	100.0	26	556
80.8	63.0	33 53.0	121 17.0	AX	64 01 13	2226	145	455	3.18	100.0	49	338
80.8	66.0	33 46.5	121 30.5	AX	64 01 13	2001	141	467	3.02	100.0	50	306
80.8	69.0	33 39.6	121 44.5	AX	64 01 13	1711	145	433	3.35	100.0	6	97
81.5	45.2	34 20.2	119 57.9	AX	64 01 12	1616	142	478	2.98	100.0	25	314
81.5	46.1	34 14.0	120 00.0	AX	64 01 12	1751	141	428	3.31	100.0	66	536
81.5	48.4	34 14.0	120 09.0	AX	64 01 12	2001	140	435	3.23	100.0	59	232
81.5	50.4	34 09.8	120 17.2	AX	64 01 13	0001	137	557	2.47	25.0	235	1454
81.5	55.0	34 01.0	120 36.5	AX	64 01 13	0356	141	487	2.90	100.0	110	623
81.5	57.0	33 56.3	120 45.0	AX	64 01 13	0706	144	506	2.84	100.0	120	1194
81.5	60.0	33 50.9	120 57.0	AX	64 01 13	0926	145	467	3.10	100.0	51	628
81.5	63.3	33 44.0	121 12.0	AX	64 01 13	1156	149	461	3.22	100.0	104	1251
81.5	66.7	33 37.3	121 24.6	AX	64 01 13	1416	142	472	3.01	100.0	4	53
82.0	47.0	34 15.0	119 58.0	BD	64 02 05	1440	142	423	3.35	100.0	481	851
82.0	43.5	34 14.8	119 42.9	AX	64 01 12	0456	143	480	2.97	100.0	134	4307
82.2	47.0	34 08.1	119 57.3	AX	64 01 12	0216	131	545	2.91	100.0	234	567
82.2	54.3	33 53.5	120 27.8	AX	64 01 11	2226	143	491	2.91	100.0	434	501
82.2	57.2	33 47.5	120 39.5	AX	64 01 11	1956	147	479	3.07	100.0	319	1013
82.2	60.0	33 42.5	120 51.0	AX	64 01 11	1711	140	509	2.75	100.0	236	519
82.2	63.3	33 35.7	121 05.7	AX	64 01 11	1426	140	503	2.78	100.0	29	1337
82.2	66.7	33 29.2	121 18.5	AX	64 01 11	1141	139	514	2.70	100.0	28	144
83.0	39.0	34 15.5	119 17.7	BD	64 02 05	0911	11	589	0.19	25.0	806	1557
83.0	40.0	34 14.0	119 22.0	AX	64 01 10	0829	14	40	3.35	100.0	55	421
83.0	40.0	34 13.8	119 22.5	BD	64 02 05	0956	20	458	0.45	6.0	127	2058
83.0	42.0	34 09.1	119 30.9	AX	64 01 10	1111	125	596	2.10	100.0	148	657
83.0	44.3	34 08.0	119 34.0	BD	64 01 10	1111	140	447	3.12	100.0	162	2072
83.0	44.3	34 04.8	119 40.3	AX	64 01 05	1303	70	287	2.45	100.0	46	108
83.0	51.0	33 52.0	120 08.5	AX	64 01 05	1936	144	550	2.62	100.0	28	240
83.0	51.0	33 51.8	120 07.5	BD	64 02 05	1821	106	455	2.32	100.0	172	781
83.0	52.9	33 47.4	120 16.1	AX	64 01 10	2201	138	561	2.46	100.0	155	426
83.0	55.0	33 44.0	120 24.5	AX	64 01 11	0031	144	541	2.66	100.0	56	56
83.0	55.0	33 45.2	120 21.5	BD	64 02 05	2126	142	553	2.57	100.0	531	490
83.0	57.6	33 38.1	120 34.6	AX	64 01 11	0336	147	495	2.98	100.0	33	580
83.0	60.0	33 34.0	120 45.0	AX	64 01 11	0556	152	480	3.16	100.0	41	240
83.0	60.0	33 34.0	120 45.0	BD	64 02 06	0020	139	520	2.67	100.0	102	283

TABLE 1. (cont.)

CalCOFI Cruise 6401

Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
83.0	63.3	33 27.0	AX	64 01 11	0841	123	490	2.50	100.0	77	1294
83.0	65.0	33 22.0	BD	64 02 06	0441	140	479	2.92	100.0	248	516
83.0	70.0	32 12.0	BD	64 02 06	0716	138	519	2.65	100.0	389	133
83.0	80.0	32 55.7	BD	64 02 06	1151	133	517	2.57	100.0	24	42
83.0	80.0	32 35.0	BD	64 02 06	1631	137	513	2.67	100.0	43	148
87.0	32.5	33 54.0	BD	64 02 08	0728	13	442	0.30	100.0	270	4018
87.0	33.0	33 53.5	BD	64 02 08	0637	41	468	0.87	50.0	986	340
87.0	34.0	33 51.8	BD	64 02 08	0530	41	468	1.36	100.0	1466	304
87.0	35.0	33 50.2	BD	64 02 08	0451	138	507	2.72	100.0	149	188
87.0	40.0	33 40.0	BD	64 02 08	0236	136	504	2.70	100.0	1104	1876
87.0	45.0	33 30.0	BD	64 02 08	0001	129	543	2.37	50.0	305	994
87.0	55.0	33 10.5	BD	64 02 07	1831	135	503	2.75	100.0	208	1050
87.0	65.0	32 50.0	BD	64 02 07	1151	138	534	2.53	100.0	61	352
87.0	65.0	32 50.0	BD	64 02 07	0906	140	512	2.74	100.0	898	218
87.0	70.0	32 46.0	BD	64 02 07	0710	144	499	2.89	100.0	3126	151
87.0	80.0	32 23.0	BD	64 02 07	0216	136	506	2.89	100.0	74	242
87.0	90.0	32 00.0	BD	64 02 06	2115	144	493	2.59	100.0	39	405
90.0	27.5	33 29.4	AX	64 02 06	0010	14	549	0.26	100.0	145	634
90.0	28.0	33 28.5	AX	64 02 06	0126	137	542	2.53	100.0	329	644
90.0	32.0	33 21.2	AX	64 02 06	0652	138	509	2.71	100.0	264	6428
90.0	37.0	33 11.0	AX	64 02 06	1326	141	557	2.53	100.0	210	861
90.0	45.0	32 54.5	AX	64 02 06	1841	139	514	2.70	100.0	251	1204
90.0	53.0	32 39.0	AX	64 02 07	0221	139	511	2.71	100.0	32	755
90.0	60.0	32 25.0	AX	64 02 07	1008	137	570	2.41	100.0	16	274
90.0	65.0	32 14.7	AX	64 02 07	1546	141	531	2.65	100.0	81	2298
90.0	70.0	32 05.0	AX	64 02 07	1846	141	523	2.70	100.0	35	152
90.0	80.0	31 44.0	AX	64 02 08	0416	141	516	2.73	100.0	37	159
90.0	90.0	31 25.2	AX	64 02 08	1116	141	525	2.68	100.0	294	130
90.0	100.0	31 05.0	AX	64 02 08	2016	141	544	2.59	100.0	62	83
90.0	120.0	30 25.0	AX	64 02 09	1106	140	551	2.54	100.0	4	21
90.0	140.0	29 46.5	AX	64 02 10	0331	140	554	2.53	100.0	35	26
90.0	160.0	29 05.0	AX	64 02 10	1151	140	548	2.56	100.0	9	22
90.0	180.0	28 24.4	AX	64 02 10	2211	142	542	2.61	100.0	73	16
90.0	200.0	27 49.5	AX	64 02 11	0756	139	566	2.45	100.0	14	14
93.0	26.5	32 56.8	BD	64 02 08	2034	14	350	0.40	100.0	182	710
93.0	27.0	32 56.2	BD	64 02 08	2106	82	374	2.20	100.0	1095	546
93.0	28.0	32 54.4	BD	64 02 08	2151	140	413	3.39	100.0	1084	529
93.0	30.0	32 50.3	BD	64 02 08	2351	129	424	3.05	50.0	292	1068
93.0	35.0	32 40.5	BD	64 02 09	0249	142	377	3.77	50.0	179	802
93.0	40.0	32 30.0	BD	64 02 09	0558	140	379	3.70	100.0	230	2127
93.0	45.0	32 19.0	BD	64 02 09	0828	141	411	3.42	100.0	154	964
93.0	50.0	32 08.3	BD	64 02 09	1042	141	426	3.31	100.0	197	1114
93.0	55.0	31 54.0	BD	64 02 09	1343	141	419	3.57	100.0	1151	3649
93.0	60.0	31 50.0	BD	64 02 09	1454	193	493	2.77	25.0	156	1062
93.0	65.0	31 40.0	BD	64 02 09	1846	138	468	2.95	100.0	43	216

TABLE 1. (cont.)

CalCOFI Cruise 6401

Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
93.0	70.0	120 14.0	BD	64 02 09	2116	144	457	3.16	100.0	803	194
93.0	80.0	120 56.0	BD	64 02 10	0730	142	449	3.16	100.0	885	101
93.0	90.0	121 33.5	BD	64 02 10	0739	143	475	3.02	100.0	167	118
93.0	100.0	122 19.0	BD	64 02 10	1247	141	437	2.96	100.0	30	44
97.0	28.6	117 03.8	BD	64 02 12	0433	14	437	0.32	100.0	131	691
97.0	29.0	117 03.5	BD	64 02 12	0348	35	445	0.79	100.0	84	140
97.0	32 17.5	117 07.0	BD	64 02 12	0252	42	465	0.90	100.0	227	67
97.0	32 16.0	117 15.2	BD	64 02 12	0131	144	458	3.14	100.0	322	629
97.0	32 12.0	117 27.5	BD	64 02 11	2346	145	438	3.30	100.0	350	335
97.0	35.0	117 48.0	BD	64 02 11	2121	145	454	3.19	100.0	44	47
97.0	40.0	118 08.5	BD	64 02 11	1831	147	477	3.09	100.0	33	353
97.0	45.0	118 29.0	BD	64 02 11	1549	145	496	2.91	100.0	9	474
97.0	50.0	118 57.0	BD	64 02 11	1251	144	462	3.11	100.0	91	390
97.0	55.0	119 11.8	BD	64 02 11	1051	142	480	2.96	100.0	44	282
97.0	60.0	119 26.3	BD	64 02 11	0844	142	500	2.84	100.0	85	977
97.0	65.0	119 47.3	BD	64 02 11	0606	146	457	3.19	100.0	105	62
97.0	70.0	120 30.5	BD	64 02 11	0056	147	450	3.26	100.0	97	55
97.0	80.0	121 11.5	BD	64 02 10	1956	144	487	2.96	100.0	101	160
97.0	90.0	121 43.2	AX	64 02 18	1143	68	444	1.53	100.0	91	141
100.0	29.0	116 46.5	AX	64 02 18	1321	140	508	2.76	100.0	38	97
100.0	30.0	116 46.5	AX	64 02 18	1656	125	524	2.38	100.0	86	714
100.0	35.0	117 06.8	AX	64 02 18	1956	140	472	2.97	100.0	82	662
100.0	40.0	117 27.0	AX	64 02 18	2231	142	456	3.10	100.0	152	1477
100.0	45.0	117 48.0	AX	64 02 18	0341	142	424	3.34	100.0	46	315
100.0	50.0	118 08.6	AX	64 02 19	0341	141	501	2.81	100.0	65	165
100.0	55.0	118 29.0	AX	64 02 19	0556	139	504	2.75	100.0	28	155
100.0	60.0	118 43.0	AX	64 02 16	0556	138	522	2.64	100.0	26	252
100.0	65.0	119 07.0	AX	64 02 15	2201	138	520	2.72	100.0	25	235
100.0	70.0	119 27.5	AX	64 02 15	1946	141	520	2.72	100.0	22	152
100.0	80.0	120 06.7	AX	64 02 15	1511	138	536	2.58	100.0	22	152
100.0	90.0	120 50.0	AX	64 02 15	0628	141	525	2.69	100.0	16	53
100.0	100.0	121 27.0	AX	64 02 14	2256	138	536	2.58	100.0	93	153
100.0	120.0	122 57.8	AX	64 02 14	0601	143	510	2.83	100.0	45	5
100.0	140.0	124 02.0	AX	64 02 13	0746	143	510	2.80	100.0	41	4
100.0	160.0	125 35.0	AX	64 02 13	0746	136	538	2.61	100.0	16	26
100.0	180.0	126 46.5	AX	64 02 12	1251	136	542	2.50	100.0	6	12
100.0	200.0	128 05.8	AX	64 02 12	0046	140	542	2.58	100.0	58	13
103.0	28.5	116 19.2	BD	64 02 14	0313	14	395	0.34	100.0	130	16378
103.0	29.0	116 21.0	BD	64 02 14	0353	30	457	0.65	100.0	207	1102
103.0	30.0	116 24.5	BD	64 02 14	0443	60	447	1.35	100.0	244	157
103.0	35.0	116 52.0	BD	64 02 14	0731	135	473	2.85	100.0	7	543
103.0	40.0	117 09.5	BD	64 02 14	0946	141	470	3.00	100.0	14	213
103.0	45.0	117 25.3	BD	64 02 14	1217	138	467	2.95	100.0	15	208
103.0	50.0	117 44.5	BD	64 02 14	1457	143	471	3.03	100.0	13	96
103.0	55.0	118 07.2	BD	64 02 14	1731	141	449	2.13	100.0	22	40
103.0	60.0	118 24.5	BD	64 02 14	1946	140	476	2.94	100.0	22	108

TABLE 1. (cont.)

CalCOFI Cruise 6401

Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
103.0	65.0	29 56.5	BD	64 02 14	2214	143	457	3.12	100.0	38	61
103.0	70.0	29 46.0	BD	64 02 15	0041	135	481	2.80	100.0	30	39
103.0	80.0	29 27.0	BD	64 02 15	0518	140	463	3.03	100.0	34	258
103.0	90.0	29 05.0	BD	64 02 15	1004	142	456	3.12	100.0	10	77
107.0	30.0	30 29.2	BD	64 02 17	1313	14	486	0.30	25.0	966	1539
107.0	31.0	30 27.8	BD	64 02 17	1219	43	415	1.03	100.0	916	732
107.0	32.0	30 25.8	BD	64 02 16	1901	144	444	3.25	100.0	14	417
107.0	35.0	30 21.5	BD	64 02 16	1731	145	424	3.43	100.0	2	195
107.0	40.0	30 11.8	BD	64 02 16	1457	148	426	3.48	100.0	6	195
107.0	45.0	30 01.5	BD	64 02 16	1230	141	508	2.78	100.0	3	259
107.0	50.0	29 51.5	BD	64 02 16	1006	131	500	2.63	100.0	12	211
107.0	55.0	29 41.0	BD	64 02 16	0731	147	456	3.21	100.0	3	47
107.0	60.0	29 32.0	BD	64 02 16	0453	142	468	3.04	100.0	9	43
107.0	65.0	29 22.0	BD	64 02 16	0218	142	456	3.12	100.0	58	147
107.0	70.0	29 12.0	BD	64 02 15	2345	139	490	2.85	100.0	45	500
107.0	80.0	28 53.8	BD	64 02 15	1916	144	471	3.06	100.0	70	256
107.0	85.0	28 55.5	BD	64 02 15	1420	142	465	3.05	100.0	22	23
107.0	90.0	28 52.0	AX	64 02 19	1730	19	434	0.45	100.0	300	778
110.0	32.0	29 52.0	AX	64 02 19	1936	138	441	3.37	100.0	130	107
110.0	35.0	29 46.0	AX	64 02 19	2226	142	498	2.84	100.0	16	15
110.0	40.0	29 36.2	AX	64 02 20	0046	139	528	2.64	100.0	24	59
110.0	45.0	29 26.0	AX	64 02 20	0351	139	526	2.65	100.0	20	108
110.0	50.0	29 16.0	AX	64 02 20	0600	142	535	2.65	100.0	8	58
110.0	55.0	29 05.5	AX	64 02 20	0936	142	490	2.89	100.0	11	74
110.0	60.0	28 57.0	AX	64 02 20	1146	141	516	2.73	100.0	15	190
110.0	65.0	28 46.3	AX	64 02 20	1456	140	473	2.97	100.0	9	181
110.0	70.0	28 38.0	AX	64 02 20	1916	142	517	2.74	100.0	28	85
110.0	80.0	28 18.0	AX	64 02 21	0001	138	454	3.03	100.0	13	95
110.0	90.0	27 58.0	AX	64 02 21	0446	141	463	3.05	100.0	35	73
110.0	100.0	27 59.0	AX	64 02 21	1616	141	513	2.75	100.0	15	13
113.0	120.0	26 57.5	BD	64 02 17	2200	12	516	0.24	100.0	149	1360
113.0	28.5	29 25.7	BD	64 02 17	2238	21	486	0.42	100.0	268	1379
113.0	29.0	29 24.2	BD	64 02 17	2329	57	465	1.22	100.0	263	418
113.0	30.0	29 22.0	BD	64 02 18	0204	143	469	3.06	100.0	16	882
113.0	35.0	29 11.5	BD	64 02 18	0428	146	467	3.14	100.0	18	90
113.0	40.0	28 59.5	BD	64 02 18	0706	132	542	2.43	100.0	3	17
113.0	45.0	28 47.0	BD	64 02 18	0936	133	518	2.58	100.0	3	3
113.0	50.0	28 36.8	BD	64 02 18	1111	141	490	2.88	100.0	6	16
113.0	55.0	28 30.3	BD	64 02 18	1303	141	487	2.89	100.0	2	26
113.0	60.0	28 22.0	BD	64 02 18	1603	144	447	3.03	100.0	34	75
113.0	65.0	28 11.5	BD	64 02 18	1832	140	486	2.88	100.0	24	85
113.0	70.0	28 02.0	BD	64 02 18	2303	143	473	3.02	100.0	18	107
113.0	80.0	27 43.0	BD	64 02 18	0323	141	580	3.70	100.0	21	33
115.0	90.0	27 22.0	BD	64 03 03	2321	140	544	2.57	100.0	410	647
115.0	35.0	28 54.5	BD	64 02 20	1844	46	552	0.25	100.0	467	816
117.0	24.8	28 58.5	BD	64 02 20							

TABLE 1. (cont.)

CalCOFI Cruise 6401

Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
117-0	25.0	28 58.0	BD	64 02 20	1920	13	526	0.84	100.0	647	395
117-0	26.0	28 58.0	BD	64 02 20	1747	60	507	1.19	100.0	1106	624
117-0	30.0	28 52.1	BD	64 02 20	1515	101	468	2.16	100.0	60	1266
117-0	35.0	28 38.0	BD	64 02 20	1223	139	520	2.68	100.0	88	143
117-0	40.0	28 28.0	BD	64 02 20	0743	143	467	3.07	100.0	411	1496
117-0	45.0	28 18.0	BD	64 02 20	0509	139	490	2.83	100.0	691	309
117-0	50.0	28 08.0	BD	64 02 20	0318	140	489	2.87	100.0	21	560
117-0	55.0	27 58.0	BD	64 02 20	0043	146	481	3.03	100.0	9	1
117-0	60.0	27 49.5	BD	64 02 19	2156	144	496	2.90	100.0	71	34
117-0	65.0	27 40.2	BD	64 02 19	1916	141	482	2.92	100.0	32	67
117-0	70.0	27 30.5	BD	64 02 19	1632	144	478	3.02	100.0	17	122
117-0	80.0	27 12.0	BD	64 02 19	1223	145	474	3.06	100.0	19	39
117-0	90.0	26 51.0	BD	64 02 19	0746	143	469	3.05	100.0	18	33
118-0	39.0	28 18.5	BD	64 02 20	0934	145	480	3.02	100.0	291	47
119-0	33.0	28 19.2	BD	64 03 03	1453	65	307	2.13	100.0	57	157
120-0	22.5	28 28.0	BD	64 02 20	2342	13	534	0.24	100.0	33	1108
120-0	23.0	28 26.9	BD	64 02 21	0022	19	511	0.37	100.0	588	1273
120-0	24.0	28 25.0	BD	64 02 21	0106	34	517	0.65	100.0	1120	837
120-0	25.0	28 22.5	BD	64 02 21	0156	57	446	1.28	100.0	114	642
120-0	30.0	28 13.0	BD	64 02 21	0412	77	514	1.50	100.0	1805	1118
120-0	35.0	28 03.0	BD	64 02 21	0626	77	397	1.93	100.0	2010	127
120-0	40.0	27 56.5	BD	64 02 21	0841	36	490	0.73	100.0	152	14
120-0	45.0	27 43.2	AX	64 02 23	2056	142	490	2.90	100.0	148	45
120-0	50.0	27 34.5	AX	64 02 23	1801	141	478	2.86	100.0	20	2
120-0	55.0	27 23.0	AX	64 02 23	1501	140	448	2.86	100.0	14	89
120-0	60.0	27 09.9	AX	64 02 23	1156	142	468	3.03	100.0	42	114
120-0	65.0	27 03.2	AX	64 02 23	0856	141	456	3.09	100.0	106	111
120-0	70.0	26 46.0	AX	64 02 23	0616	141	515	2.74	100.0	12	26
120-0	80.0	26 30.0	AX	64 02 23	0141	140	520	2.70	100.0	52	17
120-0	90.0	26 13.0	AX	64 02 22	2021	141	501	2.81	100.0	23	446
120-0	100.0	25 55.0	AX	64 02 22	1456	138	518	2.67	100.0	6	682
120-0	120.0	25 18.0	AX	64 02 22	0551	141	507	2.79	100.0	10	58
123-0	36.0	27 26.2	BD	64 02 21	1513	42	526	0.80	100.0	5	93
123-0	37.0	27 24.0	BD	64 02 21	1600	69	510	1.36	100.0	49	275
123-0	42.0	27 14.0	BD	64 02 21	1824	138	465	2.97	100.0	39	48
123-0	45.0	27 08.0	BD	64 02 21	2001	140	443	3.17	100.0	115	18
123-0	50.0	26 58.0	BD	64 02 21	2227	143	467	2.06	100.0	9	4
123-0	55.0	26 48.5	BD	64 02 22	0047	142	476	2.98	100.0	22	34
123-0	60.0	26 38.5	BD	64 02 22	0306	141	463	3.05	100.0	30	39
123-0	65.0	26 28.5	BD	64 02 22	0526	147	429	3.42	100.0	20	4
123-0	70.0	26 17.8	BD	64 02 22	0750	146	442	3.29	100.0	23	8
123-0	80.0	25 56.5	BD	64 02 22	1148	139	480	2.88	100.0	12	17
123-5	35.6	27 24.2	BD	64 02 21	1427	14	531	0.26	100.0	21	0
127-0	32.6	26 58.3	BD	64 02 23	1602	14	393	0.36	100.0	151	439
127-0	33.0	26 57.5	BD	64 02 23	1520	56	382	1.46	100.0	340	343

TABLE 1. (cont.)

CalCOFI Cruise 6401

Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
127.0	34.0	114 06.5	BD	64 02 23	1427	72	434	1.66	100.0	14	142
127.0	40.0	114 28.2	BD	64 02 23	1145	139	498	2.78	100.0	8	204
127.0	45.0	114 51.2	BD	64 02 23	0846	141	476	2.97	100.0	56	191
127.0	50.0	115 13.0	BD	64 02 23	0611	140	493	2.83	100.0	45	66
127.0	55.0	115 31.5	BD	64 02 23	0344	140	492	2.84	100.0	71	27
127.0	60.0	115 49.0	BD	64 02 23	0119	139	520	2.67	100.0	65	22
127.0	65.0	116 06.0	BD	64 02 23	2254	137	522	2.63	100.0	54	34
127.0	70.0	116 24.5	BD	64 02 22	2027	148	483	3.06	100.0	25	26
127.0	75.0	117 03.8	BD	64 02 22	1548	141	489	2.88	100.0	10	14
130.0	25.5	113 11.0	AX	64 02 24	1850	14	316	0.46	100.0	553	1226
130.0	26.38.0	113 13.0	AX	64 02 24	1924	21	254	0.84	100.0	859	2429
130.0	26 37.0	113 21.0	AX	64 02 24	2039	36	410	0.87	100.0	1842	2326
130.0	28.0	113 29.8	AX	64 02 24	2203	64	242	2.63	100.0	479	544
130.0	30.0	113 29.8	AX	64 02 24	2203	64	242	2.63	100.0	479	544
130.0	35.0	113 49.5	AX	64 02 25	0006	139	457	3.04	100.0	1026	480
130.0	40.0	114 10.0	AX	64 02 25	0306	138	479	2.87	100.0	666	294
130.0	45.0	114 27.0	AX	64 02 25	0501	142	452	3.15	100.0	52	74
130.0	50.0	114 46.8	AX	64 02 25	1016	140	522	2.69	100.0	17	85
130.0	55.0	115 05.0	AX	64 02 25	1216	141	512	2.76	100.0	11	15
130.0	60.0	115 24.0	AX	64 02 25	1501	137	514	2.67	100.0	14	21
130.0	65.0	116 01.8	AX	64 02 25	2016	141	494	2.86	100.0	32	11
130.0	70.0	116 39.5	AX	64 02 25	0101	140	506	2.77	100.0	34	47
130.0	80.0	117 15.0	AX	64 02 26	0531	138	534	2.59	100.0	29	88
130.0	90.0	117 55.0	AX	64 02 26	1036	139	479	2.90	100.0	242	222
130.0	100.0	119 10.5	AX	64 02 26	2026	142	532	2.66	100.0	30	256
133.0	19.5	112 25.8	BD	64 02 24	0209	14	422	0.34	100.0	804	1512
133.0	21.0	112 32.3	BD	64 02 24	0312	41	406	1.01	100.0	1778	2109
133.0	23.0	112 40.2	BD	64 02 24	0424	69	421	1.64	100.0	3870	429
133.0	25.0	112 48.0	BD	64 02 24	0540	77	412	1.88	100.0	811	923
133.0	26.0	113 07.5	BD	64 02 24	0803	137	479	2.87	100.0	769	166
133.0	30.0	113 29.3	BD	64 02 24	1028	140	473	2.96	100.0	262	1182
133.0	35.0	113 44.2	BD	64 02 24	1234	131	532	2.46	100.0	216	1050
133.0	40.0	114 04.2	BD	64 02 24	1504	140	486	2.88	100.0	67	213
133.0	45.0	114 26.0	BD	64 02 24	1724	134	503	2.66	100.0	37	39
133.0	50.0	114 43.0	BD	64 02 24	1938	140	477	2.94	100.0	9	45
133.0	55.0	115 01.0	BD	64 02 24	2158	135	510	2.73	100.0	20	34
133.0	60.0	115 18.0	BD	64 02 25	0021	139	507	2.64	100.0	76	18
133.0	65.0	115 35.5	BD	64 02 25	0238	140	482	2.90	100.0	45	4
133.0	70.0	116 17.0	BD	64 02 25	0726	142	505	2.82	100.0	56	47
133.0	80.0	116 37.0	BD	64 02 25	1250	142	505	2.82	100.0	56	47
133.0	85.0	117 07.5	AX	64 02 28	2250	7	469	0.15	100.0	573	90
137.0	20.0	112 07.5	AX	64 02 28	2154	20	427	0.48	100.0	1185	1785
137.0	21.0	112 11.8	AX	64 02 28	2054	35	449	0.78	100.0	106	106
137.0	22.0	112 15.2	AX	64 02 28	2054	35	449	0.78	100.0	499	58
137.0	23.0	112 18.6	AX	64 02 28	2009	48	193	2.51	100.0	12	30
137.0	30.0	112 45.2	AX	64 02 28	1601	136	557	2.35	100.0	36	292
137.0	35.0	113 04.4	AX	64 02 28	1316	135	569	2.37	100.0	11	169
137.0	40.0	113 23.5	AX	64 02 28	1041	139	554	2.51	100.0	11	169

TABLE 1. (cont.)

CalCOFI Cruise 6401											
Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
137.0	45.0	24 47.5	AX	64 02 28	0746	135	551	2.45	100.0	11	74
137.0	50.0	24 37.0	AX	64 02 28	0511	141	483	2.92	100.0	23	57
137.0	55.0	24 27.0	AX	64 02 28	0216	142	521	2.73	100.0	4	15
137.0	60.0	24 18.0	AX	64 02 28	0001	139	545	2.55	100.0	35	47
137.0	70.0	23 58.0	AX	64 02 27	1911	145	581	2.49	100.0	54	125
137.0	80.0	23 38.0	AX	64 02 27	1416	139	510	2.72	100.0	65	77
140.0	28.8	24 48.2	AX	64 02 29	0415	10	410	0.25	100.0	136	68
140.0	30.0	24 45.2	AX	64 02 29	0528	63	305	2.06	100.0	161	17
140.0	35.0	24 35.0	AX	64 02 29	0731	136	563	2.42	100.0	91	1063
140.0	40.0	24 25.2	AX	64 02 29	1016	136	541	2.52	100.0	7	149
140.0	45.0	24 14.0	AX	64 02 29	1826	144	504	2.85	100.0	1	44
140.0	50.0	24 05.5	AX	64 02 29	2141	140	548	2.55	100.0	22	326

TABLE 1. (cont.)

CalCOFI Cruise 6404

Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
60.0	50.0	122 53.4	AX	64 04 28	1339	32	134	2.40	100.0	4	4
60.0	51.0	122 57.1	AX	64 04 28	1309	50	180	2.76	100.0	8	4
60.0	52.0	123 01.8	AX	64 04 28	1218	62	238	2.80	100.0	7	0
60.0	55.0	123 15.1	AX	64 04 28	1022	101	352	2.86	100.0	44	10
60.0	57.0	123 36.8	AX	64 04 28	0756	139	467	2.99	100.0	17	23
60.0	65.0	123 57.0	AX	64 04 28	0526	143	453	3.15	22.0	8	4
60.0	70.0	124 19.5	AX	64 04 28	0241	142	470	3.03	100.0	14	1
60.0	80.0	125 01.1	AX	64 04 27	2141	144	444	3.24	100.0	9	25
63.0	50.0	122 28.6	AX	64 04 27	0034	19	107	1.79	100.0	2	1
63.0	51.0	122 31.6	AX	64 04 27	0114	30	133	2.28	100.0	5	0
63.0	52.0	122 36.8	AX	64 04 27	0208	58	182	3.19	100.0	5	0
63.0	55.0	122 49.6	AX	64 04 27	0341	144	446	3.23	100.0	21	18
63.0	60.0	123 12.0	AX	64 04 27	0611	142	478	2.97	100.0	19	17
63.0	65.0	123 32.0	AX	64 04 27	0836	140	484	2.90	25.0	7	6
63.0	70.0	123 54.7	AX	64 04 27	1111	140	466	3.00	100.0	11	19
63.0	80.0	124 38.0	AX	64 04 27	1536	148	442	3.28	100.0	2	9
67.0	47.3	121 53.0	AX	64 04 26	0940	10	192	0.49	100.0	10	257
67.0	48.0	121 56.3	AX	64 04 26	0900	13	136	0.97	100.0	1	44
67.0	49.0	122 00.6	AX	64 04 26	0813	62	279	1.64	100.0	20	7
67.0	50.0	122 04.8	AX	64 04 26	0723	70	225	3.13	100.0	26	20
67.0	55.0	122 33.0	AX	64 04 26	0411	141	389	3.62	100.0	18	18
67.0	60.0	122 51.2	AX	64 04 26	0136	140	428	3.28	100.0	28	15
67.0	65.0	123 10.9	AX	64 04 25	2311	142	366	3.89	100.0	38	24
67.0	70.0	123 30.0	AX	64 04 25	2041	139	430	3.22	100.0	43	22
67.0	80.0	124 14.5	AX	64 04 25	1601	142	398	3.55	100.0	3	3
70.0	50.0	121 43.8	AX	64 04 24	2021	141	499	2.82	100.0	27	5
70.0	51.0	121 45.7	AX	64 04 24	2056	139	362	3.85	100.0	33	2
70.0	52.0	121 50.0	AX	64 04 24	2146	139	456	2.99	100.0	53	1
70.0	53.0	121 53.8	AX	64 04 24	2246	140	459	3.05	100.0	62	6
70.0	60.0	122 23.2	AX	64 04 25	0156	142	384	3.70	50.0	401	273
70.0	65.0	122 42.5	AX	64 04 25	0431	141	407	3.48	100.0	36	29
70.0	70.0	123 05.0	AX	64 04 25	0711	141	340	4.15	50.0	20	639
70.0	80.0	123 48.7	AX	64 04 25	1126	141	486	2.91	100.0	0	4
73.0	49.4	121 13.7	AX	64 04 24	1530	71	360	0.20	100.0	34	70
73.0	50.0	121 16.9	AX	64 04 24	1438	8	378	1.98	100.0	136	49
73.0	51.0	121 21.4	AX	64 04 24	1346	142	401	3.53	100.0	296	77
73.0	53.0	121 28.0	AX	64 04 24	1236	141	439	3.22	100.0	158	56
73.0	60.0	121 59.3	AX	64 04 24	0902	140	451	3.11	100.0	961	792
73.0	65.0	122 25.2	AX	64 04 24	0626	140	467	3.00	100.0	492	531
73.0	70.0	122 43.8	AX	64 04 24	0336	143	456	3.13	100.0	248	277
73.0	80.0	123 21.9	AX	64 04 23	2256	141	413	3.41	50.0	1	4
77.0	49.0	120 48.2	AX	64 04 23	0029	37	358	1.04	100.0	128	71
77.0	51.0	120 56.2	AX	64 04 23	0156	138	474	2.91	100.0	51	13
77.0	55.0	121 13.2	AX	64 04 23	0426	129	512	2.52	100.0	285	449
77.0	57.0	121 21.2	AX	64 04 23	0551	142	446	3.18	100.0	313	100

TABLE 1. (cont.)

CalCOFI Cruise 6404

Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
77.0	60.0	34 43.9	AX	64 04 23	0736	140	486	2.89	100.0	431	1360
77.0	65.0	34 34.2	AX	64 04 23	1016	140	463	3.03	100.0	217	740
77.0	70.0	34 24.5	AX	64 04 23	1241	145	459	3.17	100.0	100	329
77.0	80.0	34 04.2	AX	64 04 23	1656	142	456	3.11	100.0	55	618
80.0	51.0	34 26.0	AX	64 04 22	1928	71	378	1.88	100.0	102	31
80.0	52.0	34 24.5	AX	64 04 22	1826	141	473	2.99	100.0	34	89
80.0	55.0	34 18.8	AX	64 04 22	1826	142	350	4.04	50.0	262	927
80.0	60.0	34 09.8	AX	64 04 22	1406	143	456	3.14	100.0	552	695
80.0	65.0	33 59.2	AX	64 04 22	1331	141	358	3.95	100.0	245	1897
80.0	70.0	33 48.5	AX	64 04 22	0901	140	486	2.88	100.0	47	104
80.0	80.0	33 29.0	AX	64 04 22	0341	145	490	2.95	100.0	89	89
82.0	47.0	34 15.2	AX	64 04 20	2336	141	424	3.32	50.0	93	71
83.0	39.0	34 15.5	AX	64 04 20	1830	141	486	2.91	100.0	3	426
83.0	40.0	34 13.8	AX	64 04 20	1915	14	68	2.03	100.0	32	1071
83.0	43.0	34 08.0	AX	64 04 20	2101	141	426	3.31	100.0	557	170
83.0	51.0	33 51.8	AX	64 04 21	0326	133	518	2.57	100.0	643	85
83.0	55.0	33 44.0	AX	64 04 21	0531	142	471	3.01	100.0	99	3960
83.0	60.0	33 34.0	AX	64 04 21	0856	140	436	3.21	100.0	195	800
83.0	65.0	33 21.2	AX	64 04 21	1121	142	466	3.04	100.0	111	170
83.0	70.0	33 14.5	AX	64 04 21	1356	146	469	3.10	100.0	65	73
83.0	80.0	32 54.0	AX	64 04 21	1851	142	464	3.05	100.0	19	229
87.0	32.5	33 55.2	AX	64 04 20	0525	14	395	0.36	100.0	210	1003
87.0	33.0	33 54.2	AX	64 04 20	0434	35	368	0.96	100.0	316	1561
87.0	34.0	33 51.9	AX	64 04 20	0338	49	261	1.86	100.0	64	1059
87.0	35.0	33 49.8	AX	64 04 20	0236	141	505	2.79	100.0	916	740
87.0	40.0	33 39.8	AX	64 04 20	0001	145	470	3.08	100.0	989	1560
87.0	45.0	33 29.8	AX	64 04 19	2136	141	484	2.96	100.0	386	653
87.0	50.0	33 19.8	AX	64 04 19	1918	53	187	2.86	100.0	1710	740
87.0	55.0	33 09.6	AX	64 04 19	1646	141	480	2.94	100.0	405	4063
87.0	60.0	33 00.0	AX	64 04 19	1356	144	476	3.03	100.0	451	220
87.0	65.0	32 46.5	AX	64 04 19	1111	138	494	2.80	100.0	39	403
87.0	70.0	32 38.0	AX	64 04 19	0836	145	459	3.17	100.0	271	446
87.0	80.0	32 17.0	AX	64 04 19	0406	135	489	2.76	100.0	960	172
87.0	90.0	32 00.0	AX	64 04 18	2311	144	461	3.13	100.0	72	183
87.0	100.0	31 41.0	AX	64 04 18	1901	140	482	2.91	100.0	5	49
90.0	27.5	33 29.5	AX	64 04 16	1630	141	459	0.28	100.0	35	527
90.0	28.0	33 28.4	AX	64 04 16	1731	14	496	3.06	100.0	157	325
90.0	32.0	33 21.0	AX	64 04 16	1946	140	471	2.97	100.0	301	1426
90.0	37.0	33 11.0	AX	64 04 17	0016	138	464	2.98	25.0	132	3819
90.0	45.0	32 54.2	AX	64 04 17	0446	141	473	2.98	100.0	388	3756
90.0	50.0	32 39.2	AX	64 04 17	0901	141	461	3.07	100.0	4	470
90.0	53.0	32 25.7	AX	64 04 17	1241	139	469	2.96	100.0	111	388
90.0	60.0	32 14.0	AX	64 04 17	1511	140	489	2.87	100.0	38	233
90.0	70.0	32 03.5	AX	64 04 17	2001	141	469	3.00	100.0	366	457
90.0	80.0	31 43.0	AX	64 04 18	0311	141	510	2.76	100.0	467	161

TABLE 1. (cont.)

CalCOFI Cruise 6404

Line	Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
90.0	90.0	31 25.0	121 59.0	AX	64 04 18	0811	142	465	3.05	100.0	74	193
90.0	100.0	31 07.7	122 37.8	AX	64 04 18	1311	141	488	2.90	100.0	25	365
93.0	26.5	32 57.0	117 17.0	AX	64 04 10	1730	14	517	0.27	100.0	123	302
93.0	27.0	32 56.0	117 19.0	AX	64 04 10	1813	70	505	1.40	100.0	308	102
93.0	28.0	32 55.0	117 22.0	AX	64 04 10	2016	139	503	2.77	100.0	661	68
93.0	30.0	32 50.4	117 31.0	AX	64 04 10	2226	140	500	2.80	100.0	1178	579
93.0	35.0	32 40.7	117 51.4	AX	64 04 11	0056	141	518	2.71	100.0	1066	362
93.0	40.0	32 37.0	118 08.0	AX	64 04 11	0531	141	488	2.89	100.0	91	313
93.0	45.0	32 20.0	118 33.0	AX	64 04 11	1841	142	496	2.86	100.0	258	120
93.0	50.0	32 11.0	119 53.7	AX	64 04 11	2201	141	524	2.70	100.0	588	839
93.0	55.0	32 00.5	119 14.0	AX	64 04 12	0041	143	514	2.78	100.0	660	843
93.0	60.0	31 46.0	119 35.3	AX	64 04 12	0456	144	459	3.13	100.0	474	2724
93.0	65.0	31 36.5	119 57.5	AX	64 04 12	0741	139	484	2.88	100.0	100	271
93.0	70.0	31 29.0	120 15.0	AX	64 04 12	1156	136	539	2.52	100.0	48	95
93.0	80.0	31 11.0	120 53.0	AX	64 04 12	1936	142	482	2.95	100.0	169	72
93.0	90.0	30 50.8	121 35.0	AX	64 04 13	0051	142	534	2.67	100.0	63	96
93.0	100.0	30 34.0	122 11.0	AX	64 04 13	1101	139	479	2.90	100.0	52	135
93.0	29.0	32 17.4	117 04.7	AX	64 04 15	2134	28	534	0.53	100.0	365	425
97.0	30.0	32 15.7	117 08.9	AX	64 04 15	2059	29	180	1.60	100.0	387	16
97.0	32.0	32 11.3	117 17.2	AX	64 04 15	1811	140	500	2.80	100.0	176	44
97.0	35.0	32 00.8	117 27.6	AX	64 04 15	1621	141	520	2.71	100.0	42	86
97.0	40.0	31 56.5	117 51.5	AX	64 04 15	1356	138	524	2.63	100.0	29	59
97.0	45.0	31 49.0	118 10.7	AX	64 04 15	1141	142	513	2.76	100.0	15	4
97.0	50.0	31 37.0	118 30.7	AX	64 04 15	0856	142	490	2.89	100.0	13	5
97.0	55.0	31 25.0	118 50.5	AX	64 04 15	0641	141	482	2.92	100.0	219	63
97.0	60.0	31 15.2	119 11.2	AX	64 04 15	0406	142	503	2.81	100.0	118	183
97.0	65.0	31 05.5	119 31.0	AX	64 04 15	0141	144	501	2.88	100.0	131	74
97.0	70.0	30 55.5	119 50.0	AX	64 04 14	2256	142	506	2.81	100.0	28	335
97.0	80.0	30 34.0	120 30.0	AX	64 04 14	1846	142	515	2.75	100.0	155	55
97.0	90.0	30 16.0	121 10.0	AX	64 04 14	1411	141	520	2.71	100.0	52	113
97.0	100.0	29 58.1	121 49.0	AX	64 04 14	0941	141	495	2.85	100.0	19	152
100.0	29.0	31 42.2	116 43.4	BD	64 04 15	1953	66	251	2.64	100.0	273	17
100.0	30.0	31 40.5	116 46.5	BD	64 04 15	2026	142	469	3.03	100.0	94	2
100.0	35.0	31 30.5	117 07.0	BD	64 04 15	2301	142	467	3.03	100.0	40	14
100.0	40.0	31 21.0	117 26.8	BD	64 04 16	0136	143	461	3.10	100.0	79	10
100.0	45.0	31 09.0	117 49.5	BD	64 04 16	0416	143	453	3.16	100.0	195	31
100.0	50.0	30 58.0	118 11.0	BD	64 04 16	0651	139	464	3.01	100.0	35	492
100.0	55.0	30 50.0	118 27.0	BD	64 04 16	0906	138	470	2.94	100.0	114	103
100.0	60.0	30 40.5	118 47.5	BD	64 04 16	1131	137	460	2.97	100.0	37	151
100.0	65.0	30 30.0	119 08.0	BD	64 04 16	1356	139	479	2.90	100.0	43	245
100.0	70.0	30 20.5	119 27.5	BD	64 04 16	1616	139	450	2.95	100.0	56	177
100.0	80.0	30 01.0	120 08.0	BD	64 04 16	2036	138	453	3.04	100.0	66	150
100.0	90.0	29 40.0	120 47.0	BD	64 04 17	0106	139	472	2.94	100.0	57	138
103.0	28.5	31 07.8	116 19.2	BD	64 04 18	1110	10	74	1.33	100.0	7	138
103.0	29.5	31 07.0	116 21.0	BD	64 04 18	1032	16	99	1.59	100.0	80	204

TABLE 1. (cont.)

CalCOFI Cruise 6404

Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
103.0	30.0	116 24.5	BD	64 04 18	0948	70	228	3.07	100.0	110	34
103.0	31 05.2	116 45.0	BD	64 04 18	0721	142	446	3.18	100.0	33	11
103.0	30 56.0	117 05.5	BD	64 04 18	0441	141	456	3.10	100.0	222	613
103.0	30 46.0	117 24.0	BD	64 04 18	0211	139	449	3.09	100.0	91	773
103.0	30 36.0	117 45.0	BD	64 04 17	2351	139	452	3.09	100.0	17	143
103.0	30 25.5	118 05.0	BD	64 04 17	2126	140	452	3.09	100.0	75	186
103.0	30 16.0	118 25.0	BD	64 04 17	1856	138	451	3.07	100.0	61	269
103.0	30 06.0	118 45.0	BD	64 04 17	1616	139	465	3.00	100.0	94	185
103.0	29 56.5	119 04.0	BD	64 04 17	1351	138	478	2.89	100.0	42	142
103.0	29 46.5	119 24.0	BD	64 04 17	0921	137	466	2.84	100.0	56	158
103.0	29 25.5	120 04.0	BD	64 04 17	0521	140	461	3.04	100.0	49	246
107.0	30 09.0	116 03.3	BD	64 04 18	1524	12	70	1.75	100.0	5	18
107.0	30 30.0	116 07.0	BD	64 04 18	1602	29	151	1.91	100.0	75	36
107.0	30 27.8	116 11.0	BD	64 04 18	1636	142	442	3.22	100.0	31	243
107.0	30 25.8	116 22.8	BD	64 04 18	1816	142	468	3.02	100.0	44	17
107.0	30 20.0	116 43.2	BD	64 04 18	2041	148	453	3.38	100.0	130	115
107.0	30 10.0	117 03.2	BD	64 04 18	2301	142	453	3.13	100.0	47	100
107.0	30 00.0	117 23.6	BD	64 04 19	0121	141	461	3.06	100.0	8	40
107.0	29 49.8	117 40.5	BD	64 04 19	0346	142	453	3.13	100.0	53	196
107.0	29 39.2	117 57.7	BD	64 04 19	0606	143	432	3.31	100.0	15	96
107.0	29 27.5	118 21.0	BD	64 04 19	0841	142	438	3.23	100.0	20	222
107.0	29 21.0	118 41.0	BD	64 04 19	1125	142	484	2.93	100.0	103	226
107.0	70.0	119 20.5	BD	64 04 19	1551	143	441	3.24	100.0	19	159
107.0	80.0	119 59.0	BD	64 04 19	2016	140	463	3.02	100.0	92	128
107.0	28 32.0	115 47.8	BD	64 04 21	0602	17	83	2.04	100.0	68	56
110.0	29 52.0	116 00.0	BD	64 04 21	0411	143	431	3.31	100.0	105	66
110.0	29 46.0	116 19.5	BD	64 04 21	0116	144	432	3.32	100.0	70	17
110.0	29 36.0	116 39.5	BD	64 04 20	2256	140	425	3.30	100.0	12	23
110.0	29 25.5	116 59.0	BD	64 04 20	2026	142	424	3.36	100.0	26	43
110.0	29 16.5	117 19.0	BD	64 04 20	1746	141	437	3.22	100.0	9	68
110.0	29 06.5	117 39.0	BD	64 04 20	1511	139	453	3.06	100.0	107	537
110.0	28 56.5	117 58.0	BD	64 04 20	1246	140	467	3.00	100.0	31	1251
110.0	28 46.8	118 17.5	BD	64 04 20	1001	140	462	3.03	100.0	110	138
110.0	28 36.5	118 37.5	BD	64 04 20	0451	145	441	3.29	100.0	23	98
110.0	28 17.5	119 57.5	BD	64 04 20	0026	144	456	3.16	100.0	45	239
110.0	27 56.5	115 11.3	BD	64 04 21	1104	13	76	1.74	100.0	5	20
113.0	29 28.0	115 13.2	BD	64 04 21	1128	18	97	1.90	100.0	1	11
113.0	29 24.2	115 18.0	BD	64 04 21	1224	49	182	2.69	100.0	1	31
113.0	29 22.0	115 38.0	BD	64 04 21	1446	137	447	3.06	100.0	4	60
113.0	29 11.5	115 57.0	BD	64 04 21	1721	141	440	3.21	100.0	11	15
113.0	29 02.0	116 17.0	BD	64 04 21	1941	141	453	3.12	100.0	35	33
113.0	45.0	116 36.5	BD	64 04 21	2206	141	437	3.22	100.0	31	50
113.0	50.0	116 56.0	BD	64 04 22	0036	142	436	3.25	100.0	19	159
113.0	55.0	117 14.5	BD	64 04 22	0251	142	426	3.34	100.0	91	87
113.0	60.0	117 34.0	BD	64 04 22	0521	142	424	3.34	100.0	101	203

TABLE 1. (cont.)

CalCOFI Cruise 6404

Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
113.0	70.0	117 54.5	BD	64 04 22	0806	140	444	3.15	100.0	31	104
113.0	80.0	118 33.5	BD	64 04 22	1256	142	452	3.14	100.0	54	138
113.0	90.0	119 12.0	BD	64 04 22	1716	142	477	3.32	100.0	47	342
117.0	24.8	114 36.3	BD	64 04 24	0829	13	66	1.99	100.0	5	32
117.0	25.0	114 37.0	BD	64 04 24	0801	41	160	2.57	100.0	21	134
117.0	26.0	114 41.5	BD	64 04 24	0713	71	244	2.92	100.0	5	21
117.0	30.0	114 56.5	BD	64 04 24	0506	92	311	3.95	100.0	58	511
117.0	35.0	115 16.0	BD	64 04 24	0231	143	458	3.12	100.0	105	23
117.0	40.0	115 35.5	BD	64 04 23	0231	141	462	3.03	100.0	177	38
117.0	45.0	115 55.2	BD	64 04 23	1921	141	432	3.05	100.0	110	14
117.0	50.0	116 15.0	BD	64 04 23	1646	142	432	3.27	100.0	27	229
117.0	55.0	116 34.5	BD	64 04 23	1426	142	447	3.19	100.0	25	96
117.0	60.0	116 55.5	BD	64 04 23	1141	142	440	3.22	100.0	67	28
117.0	65.0	117 14.5	BD	64 04 23	0921	141	451	3.14	100.0	60	52
117.0	70.0	117 33.5	BD	64 04 23	0651	143	431	3.32	100.0	30	125
117.0	80.0	118 10.5	BD	64 04 23	0216	143	454	3.15	100.0	85	311
117.0	90.0	118 50.0	BD	64 04 22	2141	141	449	3.15	100.0	83	455
118.0	39.0	115 23.7	BD	64 04 23	2351	141	474	2.98	100.0	274	189
119.0	33.0	114 53.0	BD	64 04 24	1859	109	324	3.35	100.0	474	153
120.0	22.5	114 06.0	BD	64 04 24	1245	10	85	1.22	100.0	23	131
120.0	23.0	114 04.0	BD	64 04 24	1309	18	92	1.94	100.0	172	608
120.0	24.0	114 10.7	BD	64 04 24	1349	29	106	2.74	100.0	16	125
120.0	25.0	114 15.0	BD	64 04 24	1429	48	193	2.51	100.0	8	85
120.0	30.0	114 34.0	BD	64 04 24	1632	86	289	2.99	100.0	9	34
120.0	35.0	114 54.0	BD	64 04 24	2107	79	255	3.10	100.0	72	132
120.0	40.0	115 14.0	BD	64 04 24	2312	28	114	2.48	100.0	61	81
120.0	45.0	115 33.0	BD	64 04 25	0136	143	465	3.08	100.0	143	82
120.0	50.0	115 54.3	BD	64 04 25	0406	144	441	3.26	100.0	73	73
120.0	55.0	116 14.0	BD	64 04 25	0626	142	452	3.14	100.0	42	605
120.0	60.0	116 32.5	BD	64 04 25	0846	142	425	3.35	100.0	12	71
120.0	65.0	116 51.2	BD	64 04 25	1106	140	443	3.15	100.0	8	12
120.0	70.0	117 10.0	BD	64 04 25	1311	141	454	3.12	100.0	33	77
120.0	80.0	117 49.0	BD	64 04 25	1716	142	452	3.13	100.0	36	99
123.0	36.0	114 36.0	BD	64 04 26	1921	35	134	2.59	100.0	29	43
123.0	37.0	114 40.0	BD	64 04 26	1838	70	242	2.90	100.0	105	80
123.0	42.0	114 59.0	BD	64 04 26	1606	143	426	3.35	100.0	34	87
123.0	45.0	115 10.5	BD	64 04 26	1426	141	451	3.13	100.0	23	19
123.0	50.0	115 30.5	BD	64 04 26	1156	147	430	3.41	100.0	14	42
123.0	55.0	115 49.0	BD	64 04 26	0941	143	436	3.29	100.0	15	67
123.0	60.0	116 09.2	BD	64 04 26	0716	142	438	3.25	100.0	28	103
123.0	65.0	116 27.7	BD	64 04 26	0436	144	436	3.31	100.0	76	537
123.0	70.0	116 47.0	BD	64 04 26	0156	144	451	3.19	100.0	46	1139
123.0	80.0	117 25.5	BD	64 04 25	2126	141	452	3.12	100.0	46	53
123.5	35.6	114 31.8	BD	64 04 26	1959	13	64	2.02	100.0	15	29
127.0	32.6	114 00.6	BD	64 04 27	0020	12	83	1.48	100.0	14	170

TABLE 1. (cont.)

CalCOFI Cruise 6404

Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
127.0	33.0	26 57.5	114 02.2	BD	64 04 27	0035	46	197	2.34	100.0	16
127.0	34.0	26 55.0	114 06.5	BD	64 04 27	0123	73	284	2.58	100.0	492
127.0	40.0	26 43.5	114 29.0	BD	64 04 27	0401	141	438	3.23	100.0	283
127.0	45.0	26 33.0	114 48.5	BD	64 04 27	0626	142	440	3.23	100.0	34
127.0	50.0	26 23.0	115 07.0	BD	64 04 27	0951	141	443	3.18	100.0	22
127.0	55.0	26 12.3	115 26.2	BD	64 04 27	1116	141	454	3.11	100.0	48
127.0	60.0	26 03.5	115 46.5	BD	64 04 27	1346	141	469	3.01	100.0	21
127.0	65.0	25 53.5	116 05.5	BD	64 04 27	1606	140	455	3.08	100.0	29
127.0	70.0	25 44.0	116 24.5	BD	64 04 27	1821	139	468	2.97	100.0	60
130.0	25.5	26 38.0	113 11.1	BD	64 04 28	2110	111	79	1.37	100.0	226
130.0	26.0	26 37.0	113 13.1	BD	64 04 28	2039	28	114	2.45	100.0	71
130.0	28.0	26 32.0	113 21.0	BD	64 04 28	1929	50	168	2.97	100.0	10
130.0	30.0	26 30.0	113 29.0	BD	64 04 28	1823	73	288	3.20	100.0	63
130.0	35.0	26 19.0	113 48.0	BD	64 04 28	1556	145	430	3.38	100.0	90
130.0	40.0	26 09.0	114 06.5	BD	64 04 28	1326	144	438	3.28	100.0	2
130.0	45.0	25 58.5	114 26.7	BD	64 04 28	1046	143	432	3.32	100.0	14
130.0	50.0	25 48.0	114 41.8	BD	64 04 28	0826	143	432	3.40	100.0	47
130.0	55.0	25 39.5	115 00.0	BD	64 04 28	0616	144	436	3.30	100.0	54
130.0	60.0	25 29.0	115 20.8	BD	64 04 28	0336	145	428	3.40	100.0	57
130.0	65.0	25 19.5	115 40.8	BD	64 04 28	0111	145	450	3.21	100.0	465
130.0	70.0	25 09.0	116 01.5	BD	64 04 27	2236	141	452	3.13	100.0	36
133.0	19.5	26 13.6	112 25.8	BD	64 04 29	0208	9	101	0.88	100.0	43
133.0	21.0	26 12.6	112 32.3	BD	64 04 29	0556	43	158	2.73	100.0	21
133.0	23.0	26 08.5	112 40.2	BD	64 04 29	0403	71	284	2.92	100.0	32
133.0	25.0	26 04.5	112 48.0	BD	64 04 29	0507	77	267	2.89	100.0	308
133.0	30.0	25 54.0	113 07.0	BD	64 04 29	0736	142	450	3.16	100.0	0
133.0	35.0	25 43.5	113 26.0	BD	64 04 29	0956	144	418	3.44	100.0	4
133.0	40.0	25 34.5	113 44.7	BD	64 04 29	1216	143	448	3.20	100.0	1
133.0	45.0	25 23.5	114 03.2	BD	64 04 29	1446	145	433	3.35	100.0	17
133.0	50.0	25 14.5	114 24.0	BD	64 04 29	1721	143	434	3.30	100.0	29
133.0	55.0	25 04.5	114 43.0	BD	64 04 29	1941	144	446	3.23	100.0	41
133.0	60.0	24 54.5	115 02.0	BD	64 04 29	2156	144	442	3.25	100.0	7
133.0	65.0	24 44.5	115 20.5	BD	64 04 30	0016	145	444	3.27	100.0	7
133.0	70.0	24 34.5	115 39.0	BD	64 04 30	0231	144	471	3.06	100.0	17
137.0	20.0	25 40.1	112 07.2	BD	64 05 01	0850	14	67	2.05	100.0	14
137.0	21.0	25 38.1	112 11.0	BD	64 05 01	0809	21	102	2.05	100.0	68
137.0	22.0	25 36.1	112 14.8	BD	64 05 01	0729	51	189	2.70	100.0	137
137.0	23.0	25 34.0	112 19.0	BD	64 05 01	0638	71	258	2.75	100.0	38
137.0	30.0	25 28.0	112 45.5	BD	64 05 01	0321	147	486	3.03	100.0	150
137.0	35.0	25 09.5	113 03.5	BD	64 05 01	0041	146	466	3.07	100.0	83
137.0	40.0	25 00.0	113 23.5	BD	64 05 01	2156	145	474	3.06	100.0	3
137.0	45.0	24 50.0	113 42.3	BD	64 04 30	1921	144	482	2.99	100.0	14
137.0	50.0	24 40.0	114 02.0	BD	64 04 30	1651	145	482	3.01	100.0	20
137.0	55.0	24 30.0	114 20.5	BD	64 04 30	1426	143	489	2.93	100.0	8
137.0	60.0	24 20.0	114 39.5	BD	64 04 30	1151	145	439	3.30	100.0	56
137.0	60.0	24 20.0	114 39.5	BD	64 04 30	1151	145	439	3.30	100.0	1

TABLE 1. (cont.)

CalCOFI Cruise 6404											
Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
137.0	65.0	24 11.0	BD	64 04 30	0916	144	429	3.36	100.0	61	132
137.0	70.0	24 00.0	BD	64 04 30	0646	143	432	3.31	100.0	9	77

TABLE 1. (cont.)

CalCOFI Cruise 6407

Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
60.0	49.2	122 59.2	AX	64 07 03	1340	15	499	0.30	100.0	0	5
60.0	50.0	122 57.6	AX	64 07 03	1414	44	479	0.92	100.0	1	12
60.0	51.0	122 55.1	AX	64 07 03	1459	68	493	0.92	100.0	27	35
60.0	52.0	123 01.4	AX	64 07 03	1558	73	467	1.38	100.0	0	0
60.0	55.0	123 15.0	AX	64 07 03	1732	104	462	2.56	100.0	29	8
60.0	60.0	123 37.0	AX	64 07 03	2041	137	494	2.78	100.0	139	45
60.0	70.0	124 21.0	AX	64 07 03	0211	151	488	3.10	25.0	19	20
60.0	80.0	125 04.0	AX	64 07 04	0731	151	502	3.00	100.0	41	74
60.0	90.0	125 47.0	AX	64 07 04	1211	149	501	2.98	100.0	87	177
60.0	100.0	126 29.0	AX	64 07 04	1641	146	510	2.86	100.0	37	21
60.0	120.0	127 51.2	AX	64 07 05	0301	152	518	2.93	100.0	38	21
60.0	140.0	129 19.2	AX	64 07 05	0931	157	516	3.04	100.0	0	10
60.0	160.0	130 41.8	AX	64 07 05	1706	148	527	2.81	100.0	54	80
60.0	180.0	132 04.2	AX	64 07 06	0116	144	569	2.54	100.0	164	26
60.0	190.0	132 42.4	AX	64 07 06	0601	144	569	2.53	100.0	84	48
63.0	51.0	122 32.3	AX	64 06 30	1554	47	436	1.08	100.0	2	0
63.0	52.0	122 36.6	AX	64 06 30	1553	86	463	1.85	100.0	19	41
63.0	60.0	123 11.7	AX	64 06 30	1056	146	502	2.91	100.0	14	59
63.0	70.0	123 00.0	AX	64 07 06	1756	146	473	3.08	100.0	14	13
67.0	47.3	121 52.7	AX	64 06 29	2130	13	482	0.27	100.0	24	13
67.0	49.0	122 00.5	AX	64 06 29	2304	75	442	1.70	100.0	13	315
67.0	50.0	122 04.5	AX	64 06 30	0007	95	490	1.93	100.0	44	435
67.0	55.0	122 26.0	AX	64 06 30	0306	142	511	2.95	100.0	99	229
67.0	60.0	122 47.5	AX	64 06 30	0541	139	511	2.71	100.0	34	128
70.0	51.0	121 45.6	AX	64 06 29	1511	142	500	2.85	100.0	9	3
70.0	52.0	121 50.0	AX	64 06 29	1421	141	505	2.81	100.0	3	20
70.0	53.0	121 53.9	AX	64 06 29	1321	155	564	2.50	100.0	38	150
70.0	60.0	122 22.5	AX	64 06 29	0026	144	427	3.64	100.0	8	50
70.0	70.0	123 05.5	AX	64 06 29	0526	146	511	2.82	100.0	66	231
70.0	80.0	123 47.5	AX	64 06 29	0226	146	478	3.05	100.0	124	310
70.0	90.0	124 29.0	AX	64 06 28	1820	143	462	3.09	100.0	5	8
70.0	100.0	125 10.0	AX	64 06 28	0836	145	375	3.85	100.0	0	12
70.0	200.0	131 11.1	AX	64 07 07	0836	151	511	2.97	100.0	27	20
73.0	49.4	121 38.2	AX	64 06 26	1502	13	487	0.27	100.0	22	133
73.0	50.0	121 17.0	AX	64 06 26	1424	112	520	2.14	100.0	30	38
73.0	51.0	121 21.0	AX	64 06 26	1541	125	593	2.11	100.0	14	23
73.0	53.0	121 28.5	AX	64 06 26	1736	143	513	2.79	100.0	8	37
73.0	60.0	121 57.4	AX	64 06 26	2141	136	569	2.39	100.0	405	71
76.2	50.0	120 57.3	AX	64 06 25	1826	139	516	2.70	100.0	15	6
76.2	52.5	121 08.0	AX	64 06 25	1716	142	490	2.90	100.0	34	29
76.2	55.0	121 17.9	AX	64 06 25	1511	140	506	2.77	100.0	16	3
76.2	60.0	121 40.0	AX	64 06 25	1136	141	522	2.69	100.0	17	20
76.2	65.0	122 42.0	AX	64 06 25	0716	139	486	2.87	100.0	20	180
76.2	70.0	122 21.5	AX	64 06 25	0301	143	504	2.83	100.0	79	134
77.0	47.6	120 42.0	AX	64 06 23	1545	7	524	0.14	100.0	1	101

TABLE 1. (cont.)

CalCOFI Cruise 6407

Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
77.0	48.0	120 43.7	AX	64 06 23	1624	26	509	0.52	100.0	13	65
77.0	49.0	120 47.8	AX	64 06 24	0513	62	531	1.17	100.0	5	38
77.0	51.0	120 56.5	AX	64 06 24	0706	141	524	2.69	100.0	58	3
77.0	53.0	121 04.4	AX	64 06 24	0911	145	486	2.99	100.0	16	3
77.0	55.0	121 12.9	AX	64 06 24	1116	146	498	2.94	100.0	85	17
77.0	60.0	121 33.7	AX	64 06 24	1531	143	513	2.79	100.0	45	1053
77.0	65.0	121 55.0	AX	64 06 24	1921	143	509	2.80	100.0	19	588
77.0	70.0	122 17.5	AX	64 06 25	0011	129	585	2.20	100.0	242	522
77.8	51.0	120 49.0	AX	64 06 23	1313	105	576	1.83	100.0	1	2
77.8	53.0	120 57.5	AX	64 06 23	1136	123	531	2.32	100.0	43	35
77.8	55.0	121 06.4	AX	64 06 23	0926	142	547	2.59	100.0	12	12
77.8	60.0	121 27.5	AX	64 06 23	0536	141	510	2.77	100.0	33	1379
77.8	65.0	121 47.4	AX	64 06 23	0210	141	511	2.76	100.0	65	1068
77.8	70.0	122 09.0	AX	64 06 22	2158	143	496	2.88	100.0	68	86
78.5	53.0	120 51.5	AX	64 06 22	0056	142	426	3.33	100.0	1	0
78.5	55.0	121 00.5	AX	64 06 22	0245	142	477	2.97	100.0	44	6
78.5	57.5	121 11.0	AX	64 06 22	0450	142	457	3.12	100.0	115	860
78.5	60.0	121 21.5	AX	64 06 22	0701	131	464	2.82	100.0	17	242
78.5	65.0	121 42.0	AX	64 06 22	1116	138	456	3.04	100.0	20	693
78.5	70.0	122 03.0	AX	64 06 22	1421	140	503	2.79	100.0	10	95
78.5	75.0	122 22.5	AX	64 06 22	1826	149	479	3.11	100.0	29	59
79.2	53.0	120 45.6	AX	64 06 21	2246	149	449	3.33	100.0	40	9
79.2	55.0	120 54.0	AX	64 06 21	2041	154	456	3.37	100.0	12	39
79.2	60.0	121 15.5	AX	64 06 21	1726	154	437	3.53	100.0	423	5525
79.2	65.0	121 36.0	AX	64 06 21	1445	150	388	3.85	100.0	20	5241
79.2	70.0	121 57.0	AX	64 06 21	1133	156	425	3.66	100.0	128	26
79.2	75.0	122 17.5	AX	64 06 21	0806	155	368	4.23	100.0	79	207
80.0	50.2	120 29.1	AX	64 06 20	0809	23	345	0.52	100.0	5	60
80.0	51.0	120 32.6	AX	64 06 20	0932	92	417	2.20	100.0	16	13
80.0	53.0	120 39.5	AX	64 06 20	1116	149	444	3.37	100.0	48	4
80.0	55.0	120 48.0	AX	64 06 20	1326	145	461	3.15	100.0	12	3
80.0	60.0	121 09.3	AX	64 06 20	1820	142	471	3.02	100.0	560	2301
80.0	65.0	121 30.0	AX	64 06 20	2211	155	404	3.83	100.0	518	2517
80.0	70.0	121 51.0	AX	64 06 21	0156	146	446	3.29	100.0	125	791
80.0	75.0	122 12.0	AX	64 06 21	0521	152	423	3.58	100.0	121	126
80.0	80.0	122 31.5	AX	64 06 27	0821	133	540	2.46	100.0	3	40
80.0	85.0	123 12.2	AX	64 06 27	1321	142	506	2.81	100.0	15	38
80.0	100.0	123 53.0	AX	64 06 27	1831	140	469	2.99	100.0	42	112
80.0	200.0	130 36.2	AX	64 07 07	2156	145	555	2.61	100.0	118	4
80.8	52.0	120 28.4	AX	64 06 20	0316	146	528	2.77	100.0	14	3
80.8	55.0	120 41.9	AX	64 06 20	0046	148	449	3.29	100.0	63	19
80.8	60.0	121 02.6	AX	64 06 19	2050	135	521	2.58	100.0	454	439
80.8	65.0	121 23.5	AX	64 06 19	1706	150	456	3.30	100.0	66	1025
80.8	70.0	121 44.4	AX	64 06 19	1321	150	457	3.27	100.0	252	729
80.9	48.0	120 12.2	AX	64 06 20	0536	152	456	3.33	100.0	13	1

TABLE 1. (cont.)

CALCOFI Cruise 6407

Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
81.5	45.2	34 20.0	AX	64 06 18	1636	143	477	3.00	100.0	6	0
81.5	47.5	34 16.5	AX	64 06 18	1926	140	486	2.88	100.0	4	1
81.5	50.0	34 11.0	AX	64 06 18	2216	145	458	3.17	100.0	7	2
81.5	55.0	34 11.0	AX	64 06 18	0206	140	504	2.78	100.0	13	11
81.5	60.0	33 51.0	AX	64 06 19	0545	135	543	2.48	100.0	360	818
81.5	65.0	33 40.9	AX	64 06 19	0941	151	472	3.21	100.0	70	1035
82.0	47.0	34 15.0	BD	64 07 16	0946	140	449	3.12	100.0	94	25
82.0	48.5	34 08.8	AX	64 06 18	0916	150	413	3.65	100.0	3	3
82.2	43.5	34 16.2	AX	64 06 18	1436	141	524	2.69	100.0	16	21
82.2	45.5	34 12.1	AX	64 06 18	1146	142	501	2.83	100.0	13	5
82.2	53.5	33 55.5	AX	64 06 18	0551	141	509	2.77	100.0	21	36
82.2	55.0	33 51.9	AX	64 06 18	0326	136	499	2.73	100.0	27	32
82.2	60.0	33 42.5	AX	64 06 17	2311	135	543	1.90	100.0	125	242
82.2	65.0	33 32.0	AX	64 06 17	1940	135	582	2.32	100.0	492	249
82.7	44.0	34 10.0	AX	64 06 18	1326	144	487	2.95	100.0	5	14
83.0	39.0	34 15.3	AX	64 06 16	1940	15	406	0.38	100.0	30	602
83.0	39.0	34 15.5	BD	64 07 16	0454	14	290	0.48	100.0	16	561
83.0	40.0	34 13.8	AX	64 06 16	2034	22	463	0.47	100.0	31	267
83.0	40.0	34 14.0	BD	64 07 16	0544	20	104	1.98	100.0	13	251
83.0	43.0	34 08.0	BD	64 07 16	0706	140	454	3.07	100.0	100	175
83.0	51.0	33 52.0	AX	64 06 17	0536	140	497	2.82	100.0	9	58
83.0	51.0	33 52.0	BD	64 07 16	1332	100	328	3.05	100.0	52	37
83.0	53.0	33 47.9	AX	64 06 17	0716	147	435	3.38	100.0	15	4
83.0	55.0	33 41.0	BD	64 07 16	1531	140	471	2.96	100.0	83	25
83.0	55.0	33 43.9	AX	64 06 17	0940	145	465	3.12	100.0	18	109
83.0	60.0	33 33.6	AX	64 06 17	1341	141	477	2.96	100.0	47	210
83.0	60.0	33 34.0	BD	64 07 16	1801	137	466	2.94	100.0	34	64
83.0	65.0	33 24.0	AX	64 06 17	1731	141	363	3.87	100.0	258	59
83.0	65.0	33 24.0	BD	64 07 16	2026	142	443	3.21	100.0	110	25
83.0	70.0	33 14.2	BD	64 07 16	2246	144	424	3.38	100.0	36	54
83.0	80.0	32 51.2	BD	64 07 17	0316	143	450	3.18	100.0	67	54
83.0	90.0	32 31.0	BD	64 07 17	0756	143	453	3.15	100.0	14	36
83.4	41.0	34 07.1	AX	64 06 16	2221	145	440	3.29	100.0	17	79
83.8	40.0	34 05.5	AX	64 06 16	1801	142	492	2.89	100.0	8	32
83.8	45.0	33 55.4	AX	64 06 17	1011	142	446	3.19	100.0	16	73
83.8	48.0	33 49.0	AX	64 06 17	1301	136	531	2.57	100.0	7	7
85.0	39.0	33 58.0	AX	64 06 16	1600	142	370	3.84	100.0	17	5
85.0	41.5	33 53.5	AX	64 06 16	1355	142	277	3.72	100.0	6	0
85.0	43.0	33 50.4	AX	64 06 16	1146	131	590	2.22	100.0	2	2
85.0	46.0	33 44.5	AX	64 06 16	0646	142	507	2.79	100.0	0	0
85.0	49.0	33 37.8	AX	64 06 16	0416	140	503	2.79	100.0	10	3
85.0	53.0	33 30.5	AX	64 06 16	0001	144	558	2.58	100.0	34	18
85.0	55.0	33 26.9	AX	64 06 15	2231	148	579	2.56	100.0	228	337
85.0	60.0	33 17.0	AX	64 06 15	1231	142	537	2.65	100.0	114	328
87.0	32.5	33 55.2	BD	64 07 18	1740	14	262	0.54	100.0	67	1468

TABLE 1. (cont.)

CalCOFI Cruise 6407

Line	Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
87.0	33.0	33 54.2	118 29.4	BD	64 07 18	1654	42	362	1.17	100.0	5	123
87.0	34.0	33 52.2	118 33.4	BD	64 07 18	1613	63	240	2.63	100.0	17	109
87.0	35.0	33 50.0	118 37.5	BD	64 07 18	1526	115	578	1.99	100.0	25	146
87.0	40.0	33 40.0	118 58.0	BD	64 07 18	1306	128	540	2.38	100.0	12	32
87.0	45.0	33 30.0	119 19.0	BD	64 07 18	1036	141	521	2.71	100.0	33	4
87.0	50.0	33 20.0	119 39.5	BD	64 07 18	0813	70	236	2.98	100.0	83	20
87.0	55.0	33 07.5	119 58.5	BD	64 07 18	0545	141	395	3.57	100.0	49	194
87.0	60.0	32 58.0	120 20.5	BD	64 07 18	0256	144	392	3.68	100.0	200	85
87.0	65.0	32 49.0	120 40.5	BD	64 07 18	0011	143	448	3.19	100.0	302	49
87.0	70.0	32 39.5	121 02.0	BD	64 07 17	2131	142	472	3.02	100.0	44	69
87.0	80.0	32 19.5	122 43.0	BD	64 07 17	1631	141	470	2.99	100.0	25	29
87.0	90.0	31 59.5	122 23.5	BD	64 07 17	1146	143	463	3.08	100.0	6	29
90.0	27.5	33 29.6	117 44.7	AX	64 07 12	0000	30	384	0.78	100.0	125	862
90.0	28.0	33 28.4	117 47.1	AX	64 07 11	2301	149	580	2.57	100.0	150	430
90.0	32.0	33 21.2	118 01.6	AX	64 07 11	2017	150	475	3.16	100.0	53	3
90.0	37.0	33 11.0	118 22.5	AX	64 07 11	1711	130	382	3.41	100.0	6	58
90.0	45.0	32 54.7	118 55.7	AX	64 07 11	1321	141	429	3.28	100.0	31	361
90.0	53.0	32 39.7	119 28.7	AX	64 07 11	0816	151	581	2.60	100.0	25	3
90.0	60.0	32 24.8	120 02.5	AX	64 07 11	0431	132	488	2.70	100.0	65	15
90.0	65.0	32 14.8	120 17.8	AX	64 07 11	0121	144	490	2.95	100.0	114	12
90.0	70.0	32 04.4	120 38.1	AX	64 07 10	2306	149	480	3.10	100.0	241	78
90.0	80.0	31 45.0	121 19.5	AX	64 07 10	1811	143	392	3.33	100.0	1	1
90.0	90.0	31 26.2	121 58.5	AX	64 07 10	1321	157	471	3.63	100.0	10	61
90.0	100.0	31 06.0	122 40.0	AX	64 07 10	0741	152	506	3.00	100.0	23	283
90.0	120.0	30 25.5	123 57.5	AX	64 07 09	2206	146	492	2.97	100.0	13	222
90.0	140.0	29 46.0	125 22.3	AX	64 07 09	1251	142	520	2.74	100.0	47	150
90.0	160.0	29 04.5	126 39.5	AX	64 07 09	0355	136	558	2.44	100.0	135	15
90.0	180.0	28 26.0	128 00.0	AX	64 07 08	1811	139	509	2.73	100.0	15	5
90.0	200.0	28 00.0	129 20.2	AX	64 07 08	0921	141	571	2.48	100.0	27	22
93.0	26.5	32 56.8	117 16.7	BD	64 07 19	0249	32	374	0.87	100.0	44	1133
93.0	27.0	32 56.0	117 19.0	BD	64 07 19	0321	104	398	2.62	100.0	11	196
93.0	28.0	32 54.7	117 21.8	BD	64 07 19	0356	138	499	2.76	100.0	21	70
93.0	30.0	32 50.5	117 31.0	BD	64 07 19	0526	135	522	2.58	100.0	18	48
93.0	35.0	32 40.5	117 57.5	BD	64 07 19	0746	135	492	2.87	100.0	6	3
93.0	40.0	32 30.0	118 11.5	BD	64 07 19	1036	141	499	2.83	100.0	12	3
93.0	45.0	32 20.0	118 32.0	BD	64 07 19	1306	143	427	3.34	25.0	1	0
93.0	50.0	32 10.0	118 52.5	BD	64 07 19	1526	143	453	3.16	100.0	6	4
93.0	55.0	32 00.0	119 13.5	BD	64 07 19	1801	142	439	3.23	100.0	104	8
93.0	60.0	31 50.0	119 34.0	BD	64 07 19	2036	146	430	3.40	100.0	259	45
93.0	65.0	31 40.0	119 53.5	BD	64 07 19	2311	143	454	3.14	100.0	292	20
93.0	70.0	31 30.0	120 14.0	BD	64 07 20	0136	145	441	3.29	100.0	298	12
96.8	28.7	32 19.4	117 03.8	BD	64 07 20	0435	7	451	0.16	100.0	4	1054
97.0	29.0	32 17.5	117 04.7	BD	64 07 21	0354	36	544	0.65	100.0	6	229
97.0	30.0	32 15.5	117 08.5	BD	64 07 21	0308	49	202	2.42	100.0	16	173
97.0	32.0	32 11.5	117 16.5	BD	64 07 21	0151	141	486	2.90	100.0	10	8

TABLE 1. (cont.)

CalCOFI Cruise 6407

Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
97.0	35.0	117 28.5	BD	64 07 21	0006	142	468	3.05	100.0	26	4
97.0	31 56.0	117 51.0	BD	64 07 20	2126	142	462	3.07	100.0	42	3
97.0	45.0	118 10.0	BD	64 07 20	1846	140	452	3.10	100.0	11	8
97.0	31 46.0	118 50.5	BD	64 07 20	1336	143	422	3.38	100.0	11	59
97.0	31 25.5	119 11.0	BD	64 07 20	1106	143	431	3.31	100.0	7	60
97.0	31 05.0	119 30.5	BD	64 07 20	0831	142	452	3.14	100.0	20	139
97.0	30 55.5	119 52.0	BD	64 07 20	0606	141	443	3.18	100.0	90	144
100.0	31 42.2	116 43.5	AX	64 07 13	2108	74	262	2.82	100.0	1	6
100.0	31 40.6	116 46.7	AX	64 07 13	2236	145	504	2.88	100.0	3	33
100.0	35.0	117 06.9	AX	64 07 14	0216	154	397	3.87	100.0	10	5
100.0	31 21.2	117 27.0	AX	64 07 14	0501	143	474	3.01	100.0	18	53
100.0	45.0	117 47.5	AX	64 07 14	0731	145	480	3.02	100.0	86	177
100.0	30 57.5	118 28.0	AX	64 07 14	1036	134	530	2.52	100.0	88	355
100.0	55.0	118 07.0	AX	64 07 14	1306	119	578	2.06	100.0	122	36
100.0	60.0	118 47.0	AX	64 07 14	1601	136	516	2.63	100.0	45	26
100.0	30 30.0	119 07.5	AX	64 07 14	1826	127	564	2.25	100.0	23	4
100.0	30 18.8	119 28.1	AX	64 07 14	2126	137	515	2.67	100.0	71	11
100.0	29 55.9	120 09.0	AX	64 07 15	0216	137	518	2.98	100.0	73	321
100.0	80.0	120 49.0	AX	64 07 15	0706	138	530	2.60	100.0	110	6841
103.0	28.5	116 19.2	BD	64 07 23	2116	14	464	0.30	100.0	6	642
103.0	29.0	116 21.2	BD	64 07 23	2154	28	442	0.63	100.0	17	1522
103.0	30.0	116 24.5	BD	64 07 23	2243	55	238	2.32	100.0	3	332
103.0	35.0	116 45.0	BD	64 07 24	0106	140	488	2.87	100.0	16	27
103.0	40.0	117 05.5	BD	64 07 24	0331	138	510	2.71	100.0	50	8
103.0	50.0	117 44.8	BD	64 07 24	0826	141	448	3.14	100.0	32	115
103.0	55.0	118 05.0	BD	64 07 24	1056	141	470	3.01	100.0	52	230
103.0	60.0	118 25.5	BD	64 07 24	1331	141	464	3.04	100.0	26	207
103.0	65.0	118 44.8	BD	64 07 24	1606	138	472	2.91	100.0	32	150
103.0	70.0	119 03.3	BD	64 07 24	1901	139	470	2.95	100.0	40	105
103.0	80.0	119 41.8	BD	64 07 24	2331	141	455	3.11	100.0	26	480
107.0	30.0	120 19.0	BD	64 07 25	0406	138	506	2.72	100.0	165	248
107.0	30.0	116 03.5	BD	64 07 26	1504	14	504	0.27	100.0	4	299
107.0	31.0	116 07.0	BD	64 07 26	1414	36	501	0.72	100.0	7	59
107.0	30 27.8	116 11.0	BD	64 07 26	1321	138	496	2.78	100.0	11	11
107.0	32.0	116 23.0	BD	64 07 26	1131	137	487	2.80	100.0	13	10
107.0	35.0	116 46.7	BD	64 07 26	0831	141	473	2.97	100.0	11	61
107.0	40.0	117 04.2	BD	64 07 26	0601	140	460	3.04	100.0	52	188
107.0	45.0	117 23.5	BD	64 07 26	0336	134	502	2.67	100.0	16	78
107.0	50.0	117 42.0	BD	64 07 26	0101	137	489	2.80	100.0	36	17
107.0	55.0	118 01.5	BD	64 07 25	2236	141	463	3.05	100.0	227	77
107.0	60.0	118 21.2	BD	64 07 25	2001	142	481	2.95	100.0	108	31
107.0	65.0	118 40.0	BD	64 07 25	1731	140	486	2.88	100.0	60	271
107.0	70.0	119 20.5	BD	64 07 25	1246	138	499	2.76	100.0	101	245
107.0	80.0	119 55.5	BD	64 07 25	0826	141	470	3.01	100.0	144	297
110.0	32.0	115 47.7	AX	64 07 17	0154	21	95	2.17	100.0	10	114

TABLE 1. (cont.)

CalCOFI Cruise 6407

Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
110.0	35.0	29 45.9	AX	64 07 17	0011	150	448	3.35	100.0	19	36
110.0	40.0	29 36.0	AX	64 07 16	2106	149	410	3.62	100.0	67	24
110.0	45.0	29 26.5	AX	64 07 16	1811	139	520	2.68	100.0	157	265
110.0	50.0	29 15.9	AX	64 07 16	1541	135	539	2.50	100.0	86	75
110.0	55.0	29 06.8	AX	64 07 16	1236	142	548	2.59	100.0	102	15
110.0	60.0	28 56.5	AX	64 07 16	1011	154	490	3.13	100.0	49	24
110.0	65.0	28 46.5	AX	64 07 16	0656	141	528	2.67	100.0	39	3
110.0	70.0	28 36.3	AX	64 07 16	0416	135	548	2.46	100.0	318	264
110.0	80.0	28 26.0	AX	64 07 15	2321	133	562	2.36	100.0	458	149
110.0	90.0	28 19.0	AX	64 07 15	1831	140	536	2.61	100.0	153	2072
113.0	28.5	29 25.0	BD	64 07 27	0025	14	490	0.28	100.0	4	215
113.0	29.0	29 24.2	BD	64 07 27	0054	21	435	0.49	100.0	7	121
113.0	30.0	29 22.0	BD	64 07 27	0149	49	166	2.97	100.0	40	116
113.0	35.0	29 11.8	BD	64 07 27	0406	139	428	3.24	100.0	77	44
113.0	40.0	29 02.0	BD	64 07 27	0631	135	460	2.94	100.0	51	4
113.0	50.0	28 39.0	BD	64 07 27	1116	141	472	2.99	100.0	66	9
113.0	55.0	28 32.8	BD	64 07 27	1346	140	468	2.98	100.0	25	2
113.0	60.0	28 24.0	BD	64 07 27	1551	139	461	3.01	100.0	35	96
113.0	70.0	28 04.5	BD	64 07 27	2021	141	483	2.93	100.0	8	115
113.0	80.0	27 41.5	BD	64 07 28	0041	141	490	2.87	100.0	255	360
113.0	90.0	27 19.0	BD	64 07 28	0501	141	488	2.88	50.0	101	852
115.0	35.0	28 54.0	AX	64 07 26	2056	142	494	2.87	100.0	18	0
117.0	24.8	28 58.5	BD	64 07 29	2129	14	460	0.31	100.0	20	249
117.0	25.0	28 58.0	BD	64 07 29	2054	42	152	2.78	100.0	106	95
117.0	30.0	28 56.0	BD	64 07 29	2008	64	225	2.82	100.0	239	193
117.0	35.0	28 48.0	BD	64 07 29	1812	98	334	2.94	100.0	33	392
117.0	40.0	28 38.0	BD	64 07 29	1536	143	466	3.07	100.0	10	91
117.0	45.0	28 28.0	BD	64 07 29	1051	141	460	3.07	100.0	18	212
117.0	50.0	28 18.0	BD	64 07 29	0806	142	443	3.21	100.0	12	14
117.0	55.0	28 06.8	BD	64 07 29	0501	142	454	3.12	100.0	17	67
117.0	60.0	27 57.5	BD	64 07 28	0211	146	452	3.24	100.0	7	81
117.0	65.0	27 48.0	BD	64 07 28	2331	144	432	3.32	100.0	7	422
117.0	70.0	27 37.5	BD	64 07 28	2046	143	429	3.32	100.0	8	391
117.0	75.0	27 26.7	BD	64 07 28	1806	142	447	3.17	100.0	33	433
117.0	80.0	27 08.0	BD	64 07 28	1306	143	465	3.07	100.0	67	456
117.0	90.0	26 48.2	BD	64 07 28	0851	142	486	2.91	100.0	124	488
118.0	30.0	28 18.5	BD	64 07 29	1246	142	468	3.03	100.0	40	28
119.0	33.0	28 18.9	AX	64 07 26	1523	74	255	2.90	100.0	650	1963
120.0	22.5	28 28.0	BD	64 07 30	0210	7	444	0.16	100.0	471	7653
120.0	23.0	28 25.9	BD	64 07 30	0254	20	442	0.46	100.0	307	2181
120.0	24.0	28 24.0	BD	64 07 30	0339	34	391	0.86	100.0	215	3795
120.0	25.0	28 22.5	BD	64 07 30	0424	47	157	2.98	100.0	333	756
120.0	30.0	28 12.8	BD	64 07 30	0632	91	302	3.03	100.0	134	596
120.0	35.0	28 03.0	BD	64 07 30	0858	72	217	3.32	100.0	88	241
120.0	40.0	27 56.5	BD	64 07 30	1104	25	149	1.70	100.0	124	1652

TABLE 1. (cont.)

CALCOFI Cruise 6407

Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
120.0	45.0	27 42.5	AX	64 07 18	0741	145	501	2.90	100.0	50	36
120.0	50.0	27 32.9	AX	64 07 18	1041	148	482	3.07	100.0	25	165
120.0	55.0	27 32.8	AX	64 07 18	1326	147	506	2.90	100.0	45	142
120.0	60.0	27 13.0	AX	64 07 18	1601	138	501	2.75	100.0	140	1126
120.0	65.0	26 58.7	AX	64 07 18	1811	138	530	2.60	100.0	63	625
120.0	70.0	26 52.0	AX	64 07 18	2051	148	496	2.99	100.0	122	159
120.0	80.0	26 35.1	AX	64 07 19	0141	148	558	2.65	100.0	146	38
120.0	90.0	26 18.3	AX	64 07 19	0621	133	528	2.51	100.0	99	911
120.0	96.0	27 26.2	BD	64 07 30	1752	43	457	0.93	100.0	123	778
123.0	37.0	27 24.0	BD	64 07 30	1833	64	256	2.52	100.0	102	194
123.0	42.0	27 14.0	BD	64 07 30	2111	144	428	3.35	100.0	102	65
123.0	45.0	27 08.0	BD	64 07 30	2246	142	447	3.18	100.0	85	111
123.0	50.0	26 58.0	BD	64 07 31	0111	141	454	3.09	100.0	26	45
123.0	55.0	26 47.5	BD	64 07 31	0341	141	439	3.23	100.0	52	108
123.0	60.0	26 38.5	BD	64 07 31	0606	141	425	3.32	100.0	62	26
123.0	65.0	26 30.0	BD	64 07 31	0826	141	451	3.14	100.0	119	65
123.0	70.0	26 20.0	BD	64 07 31	1031	141	457	3.10	100.0	306	131
123.0	80.0	26 01.5	BD	64 07 31	1501	142	452	3.15	100.0	59	78
123.5	35.6	27 24.2	BD	64 07 30	1702	14	483	0.30	100.0	119	3730
127.0	32.6	26 58.3	BD	64 08 01	1955	14	484	0.29	100.0	26	1613
127.0	33.0	26 57.5	BD	64 08 01	1955	14	208	2.65	100.0	42	488
127.0	34.0	26 55.5	BD	64 08 01	1830	54	216	2.48	100.0	110	1066
127.0	40.0	26 42.5	BD	64 08 01	1516	141	481	2.94	100.0	18	128
127.0	45.0	26 34.3	BD	64 08 01	1246	143	485	2.95	100.0	12	30
127.0	50.0	26 24.3	BD	64 08 01	1016	141	478	2.96	100.0	29	217
127.0	55.0	26 13.5	BD	64 08 01	0751	142	461	3.09	100.0	41	687
127.0	60.0	26 03.5	BD	64 08 01	0531	141	463	3.04	100.0	41	1123
127.0	65.0	25 54.0	BD	64 08 01	0256	143	449	3.18	100.0	135	51
127.0	70.0	25 44.0	BD	64 08 01	0026	143	453	3.16	100.0	181	45
127.0	80.0	25 24.0	BD	64 07 31	1936	137	459	3.00	50.0	99	1058
130.0	25.5	26 38.7	AX	64 07 21	0400	14	169	0.83	100.0	398	1546
130.0	28.0	26 33.1	AX	64 07 21	0259	30	252	1.18	100.0	424	601
130.0	30.0	26 29.0	AX	64 07 21	0149	31	242	1.30	100.0	23	206
130.0	35.0	26 24.0	AX	64 07 20	2331	136	594	2.28	100.0	63	76
130.0	40.0	26 14.6	AX	64 07 20	2126	141	540	2.61	100.0	62	37
130.0	45.0	26 03.1	AX	64 07 20	1821	141	557	2.54	100.0	18	15
130.0	50.0	25 51.8	AX	64 07 20	1546	139	567	2.45	100.0	78	15
130.0	55.0	25 42.2	AX	64 07 20	1226	141	566	2.49	100.0	52	752
130.0	60.0	25 29.3	AX	64 07 20	1001	141	523	2.71	100.0	54	31
130.0	65.0	25 07.7	AX	64 07 20	0431	141	535	2.54	100.0	287	103
130.0	70.0	24 47.4	AX	64 07 19	2336	141	535	2.64	100.0	451	7
130.0	80.0	24 28.2	AX	64 07 19	1816	139	559	2.48	100.0	83	33
133.0	19.5	26 13.6	BD	64 08 02	0655	14	475	0.29	100.0	528	20992
133.0	21.0	26 13.0	BD	64 08 02	0754	41	467	0.88	100.0	90	9437
133.0	23.0	26 08.5	BD	64 08 02	0853	69	339	2.04	100.0	46	379

TABLE 1. (cont.)

CalCOFI Cruise 6407											
Line Station	Lat.(N) deg. min.	Long.(W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
133.0	25.0	112 48.4	BD	64 08 02	1003	76	262	2.88	100.0	1	55
133.0	30.0	113 07.5	BD	64 08 02	1236	140	462	3.04	100.0	4	33
133.0	35.0	113 26.5	BD	64 08 02	1946	144	449	3.20	100.0	18	53
133.0	40.0	113 45.5	BD	64 08 02	2221	142	460	3.08	100.0	69	356
133.0	45.0	114 04.5	BD	64 08 03	0051	144	456	3.15	100.0	66	31
133.0	50.0	114 23.5	BD	64 08 03	0321	144	450	3.20	100.0	27	54
133.0	55.0	114 43.0	BD	64 08 03	0551	141	442	3.20	100.0	4	396
133.0	60.0	115 02.0	BD	64 08 03	0826	142	461	3.08	100.0	10	462
133.0	65.0	115 19.8	BD	64 08 03	1041	142	447	3.18	100.0	11	37
133.0	70.0	115 43.3	BD	64 08 03	1331	144	461	3.12	100.0	29	30
133.0	80.0	116 17.0	BD	64 08 03	1736	142	462	3.07	100.0	15	11
137.0	20.0	112 07.1	AX	64 07 22	0300	8	114	0.68	100.0	1201	3167
137.0	25.0	112 11.0	AX	64 07 22	0335	21	188	1.11	100.0	2658	6292
137.0	25.0	112 14.7	AX	64 07 22	0414	34	223	1.54	100.0	478	4885
137.0	25.0	112 19.3	AX	64 07 22	0524	34	156	2.16	100.0	431	1184
137.0	30.0	113 05.0	AX	64 07 22	1106	141	520	2.71	100.0	14	45
137.0	35.0	113 24.1	AX	64 07 22	1356	142	526	2.69	100.0	36	15
137.0	40.0	113 41.8	AX	64 07 22	1611	141	522	2.70	100.0	24	55
137.0	45.0	114 00.5	AX	64 07 22	1926	141	531	2.66	100.0	106	227
137.0	50.0	114 21.0	AX	64 07 22	2206	142	514	2.76	100.0	129	134
137.0	55.0	114 40.2	AX	64 07 23	0126	145	527	2.76	100.0	91	225
137.0	60.0	115 18.0	AX	64 07 23	0631	143	538	2.65	100.0	38	14
137.0	70.0	115 59.3	AX	64 07 23	1121	146	530	2.76	100.0	42	33
137.0	80.0	116 20.4	AX	64 07 24	1454	36	247	1.44	100.0	15	405
140.0	25.0	112 24.3	AX	64 07 24	1413	70	294	2.40	100.0	23	239
140.0	30.0	112 43.0	AX	64 07 24	1136	145	395	3.67	100.0	2	12
140.0	35.0	113 02.0	AX	64 07 24	0901	143	563	2.53	100.0	6	0
140.0	40.0	113 21.0	AX	64 07 24	0601	143	523	2.73	100.0	109	37
140.0	45.0	113 41.5	AX	64 07 24	0311	148	578	2.56	100.0	178	95

TABLE 1. (cont.)

CalCOFI Cruise 6410												
Line	Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
80.0	50.2	34 27.9	120 29.2	BD	64 10 05	1705	14	186	0.76	100.0	14	30
80.0	51.0	34 26.0	120 32.5	BD	64 10 05	1613	71	236	3.00	100.0	0	6
80.0	52.0	34 24.3	120 36.5	BD	64 10 05	1511	140	436	3.21	100.0	1	15
80.0	55.0	34 19.0	120 48.0	BD	64 10 05	1241	141	450	3.13	100.0	2	4
80.0	60.0	34 09.0	121 09.0	BD	64 10 05	0951	143	448	3.19	100.0	2	11
80.0	65.0	33 59.0	121 30.0	BD	64 10 05	0716	138	470	2.93	100.0	2	3
80.0	70.0	33 48.0	121 51.0	BD	64 10 05	0421	141	498	2.82	100.0	14	8
80.0	80.0	33 28.0	122 32.0	BD	64 10 04	2321	142	462	3.08	100.0	35	45
80.0	90.0	33 09.0	123 12.8	BD	64 10 04	1836	142	462	3.07	100.0	55	84
82.0	47.0	34 15.0	119 58.2	BD	64 10 05	2026	139	425	3.28	100.0	9	28
83.0	39.0	34 15.5	119 17.7	BD	64 10 06	0030	14	229	0.62	100.0	120	961
83.0	40.0	34 14.0	119 22.0	BD	64 10 06	0115	14	97	1.48	100.0	139	650
83.0	43.0	34 08.0	119 34.0	BD	64 10 06	0256	141	424	3.32	100.0	79	18
83.0	53.0	33 52.0	120 07.6	BD	64 10 06	0721	111	393	2.82	100.0	3	6
83.0	55.0	33 45.4	120 21.2	BD	64 10 06	0931	141	428	3.29	100.0	9	50
83.0	60.0	33 34.0	120 45.0	BD	64 10 06	1241	138	446	3.09	100.0	2	2
83.0	65.0	33 24.2	121 05.8	BD	64 10 06	1531	138	445	3.10	100.0	2	4
83.0	70.0	33 10.8	121 29.0	BD	64 10 06	1806	141	411	3.43	100.0	1	3
83.0	80.0	32 54.0	122 07.5	BD	64 10 06	2216	141	428	3.29	100.0	7	12
83.0	90.0	32 33.5	122 48.0	BD	64 10 04	1341	141	475	2.97	100.0	14	34
87.0	32.5	33 54.0	118 26.5	BD	64 10 08	0604	40	199	0.59	100.0	9	1254
87.0	33.0	33 54.0	118 29.3	BD	64 10 08	0644	40	169	2.35	100.0	10	70
87.0	34.0	33 52.0	118 33.4	BD	64 10 08	0514	52	262	2.00	100.0	18	154
87.0	35.0	33 50.0	118 37.5	BD	64 10 08	0411	141	426	3.30	100.0	74	5
87.0	40.0	33 40.0	118 58.2	BD	64 10 08	0112	134	462	2.90	100.0	66	11
87.0	45.0	33 30.0	119 19.0	BD	64 10 07	2221	141	430	3.27	100.0	210	30
87.0	50.0	33 20.0	119 39.5	BD	64 10 07	1954	50	192	2.60	100.0	119	67
87.0	55.0	33 10.0	120 00.0	BD	64 10 07	1656	141	419	3.37	100.0	2	0
87.0	60.0	33 00.5	120 20.8	BD	64 10 07	1356	140	462	3.03	100.0	1	2
87.0	65.0	32 50.0	120 43.0	BD	64 10 07	1106	142	434	3.26	100.0	3	9
87.0	70.0	32 40.0	121 00.5	BD	64 10 07	0816	140	442	3.18	100.0	2	16
87.0	80.0	32 20.0	121 43.5	BD	64 10 07	0256	140	444	3.15	100.0	35	33
87.0	90.0	31 59.5	122 31.6	BD	64 10 04	0901	142	479	2.97	100.0	12	11
90.0	27.5	33 29.5	117 44.6	BD	64 10 08	1630	14	189	0.76	100.0	16	213
90.0	28.0	33 28.5	117 46.7	BD	64 10 08	1736	140	422	3.33	100.0	7	8
90.0	32.0	33 21.0	118 01.7	BD	64 10 08	2011	140	458	3.06	100.0	68	4
90.0	37.0	33 11.0	118 22.5	BD	64 10 08	2326	140	458	3.05	100.0	150	2
90.0	45.0	32 54.5	118 55.5	BD	64 10 09	0441	140	466	3.01	100.0	9	7
90.0	53.0	32 39.0	119 28.5	BD	64 10 09	0936	140	466	3.00	100.0	3	1
90.0	60.0	32 25.0	119 57.6	BD	64 10 09	1411	138	491	2.81	100.0	0	0
90.0	65.0	32 15.5	120 18.5	BD	64 10 09	1642	141	482	2.93	100.0	0	0
90.0	70.0	32 04.5	120 38.5	BD	64 10 09	2011	141	478	2.95	100.0	19	18
90.0	80.0	31 46.0	121 20.0	BD	64 10 10	0136	139	484	2.87	100.0	21	54
90.0	90.0	31 27.5	122 01.0	BD	64 10 10	0631	148	504	2.93	100.0	0	70
90.0	100.0	31 05.0	122 39.0	BD	64 10 10	1226	139	485	2.87	100.0	3	98

TABLE 1. (cont.)

CalCOFI Cruise 6410

Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
93.0	25.5	32 56.8	BD	64 10 12	1405	14	180	0.75	100.0	35	83
93.0	27.0	32 56.0	BD	64 10 12	1328	70	237	2.96	100.0	34	3
93.0	28.0	32 54.7	BD	64 10 12	1241	140	440	3.18	100.0	58	66
93.0	30.0	32 50.5	BD	64 10 12	1031	140	464	3.01	100.0	118	84
93.0	33.0	32 40.5	BD	64 10 12	0721	142	457	3.10	100.0	0	3
93.0	35.0	32 30.5	BD	64 10 12	0421	140	464	3.01	100.0	12	0
93.0	40.0	32 20.0	BD	64 10 12	0116	139	454	3.07	100.0	7	3
93.0	45.0	32 10.0	BD	64 10 11	2226	141	441	3.20	100.0	1	0
93.0	50.0	32 00.0	BD	64 10 11	1941	141	441	3.20	100.0	4	0
93.0	55.0	32 00.0	BD	64 10 11	1646	141	458	3.11	100.0	0	0
93.0	60.0	31 50.0	BD	64 10 11	1341	141	458	3.08	100.0	0	0
93.0	65.0	31 38.5	BD	64 10 11	1016	141	490	2.89	100.0	1	0
93.0	70.0	31 29.5	BD	64 10 11	0446	138	480	2.89	100.0	11	35
93.0	75.0	31 10.0	BD	64 10 10	2306	141	458	3.08	100.0	8	59
93.0	80.0	30 51.0	BD	64 10 10	1736	138	491	2.82	100.0	22	185
93.0	100.0	30 31.0	BD	64 10 14	1425	13	249	0.54	100.0	3	89
96.8	28.7	32 19.4	BD	64 10 14	1454	35	118	2.97	100.0	7	23
97.0	29.0	32 17.5	BD	64 10 14	1524	48	207	2.34	100.0	9	11
97.0	30.0	32 16.0	BD	64 10 02	1341	142	484	2.93	100.0	185	31
97.0	32.0	32 11.5	BD	64 10 02	1506	140	475	2.94	100.0	235	7
97.0	35.0	32 05.4	BD	64 10 02	1751	138	513	2.69	100.0	2	0
97.0	40.0	31 54.5	BD	64 10 02	2016	140	444	3.14	100.0	25	0
97.0	45.0	31 45.0	BD	64 10 02	2246	141	472	2.88	100.0	3	1
97.0	50.0	31 35.0	BD	64 10 03	0121	140	493	2.84	100.0	4	0
97.0	55.0	31 26.2	BD	64 10 03	0401	136	494	2.75	100.0	1	4
97.0	60.0	31 16.5	BD	64 10 03	0641	142	451	3.15	100.0	3	21
97.0	65.0	31 08.0	BD	64 10 03	0916	140	454	3.08	100.0	13	72
97.0	70.0	30 57.0	BD	64 10 03	1411	140	482	2.90	100.0	32	66
97.0	80.0	30 38.0	BD	64 10 03	1911	141	474	2.97	100.0	25	32
97.0	90.0	30 17.5	BD	64 10 14	1942	104	399	2.62	100.0	27	27
100.0	29.0	31 42.2	BD	64 10 14	2016	141	490	2.87	100.0	67	32
100.0	30.0	31 40.5	BD	64 10 14	2251	140	474	2.96	100.0	6	0
100.0	35.0	31 30.5	BD	64 10 15	0121	141	480	2.93	100.0	5	3
100.0	40.0	31 21.0	BD	64 10 15	0356	140	526	2.67	100.0	5	1
100.0	45.0	31 10.5	BD	64 10 15	0631	143	476	3.00	100.0	19	3
100.0	50.0	31 02.0	BD	64 10 15	0936	141	473	2.98	100.0	22	218
100.0	55.0	30 48.5	BD	64 10 15	1206	140	457	3.05	100.0	22	43
100.0	60.0	30 41.0	BD	64 10 15	1446	140	462	3.02	100.0	37	21
100.0	65.0	30 31.0	BD	64 10 15	1716	141	450	3.12	100.0	24	21
100.0	70.0	30 21.0	BD	64 10 15	2156	142	444	3.20	100.0	89	15
100.0	75.0	30 01.0	BD	64 10 15	2156	141	447	2.95	100.0	49	52
100.0	80.0	29 41.5	BD	64 10 16	0231	141	266	0.40	100.0	39	91
103.0	28.5	31 07.8	BD	64 10 31	1900	11	266	0.80	100.0	93	24
103.0	29.0	31 05.3	BD	64 10 31	1829	21	266	2.65	100.0	6	2
103.0	30.0	31 07.0	BD	64 10 31	1748	56	212	2.65	100.0	2	2
103.0	35.0	30 56.0	BD	64 10 17	1211	142	372	3.80	100.0	2	1

TABLE 1. (cont.)

CalCOFI Cruise 6410

Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
103.0	40.0	117 05.5	BD	64 10 17	0926	141	463	3.05	100.0	0	17
103.0	45.0	117 26.0	BD	64 10 17	0626	141	443	3.19	100.0	0	4
103.0	50.0	117 45.2	BD	64 10 17	0341	141	469	3.00	100.0	3	5
103.0	55.0	118 05.2	BD	64 10 17	0056	141	450	3.14	100.0	66	21
103.0	60.0	118 25.0	BD	64 10 16	2216	143	448	3.20	100.0	76	55
103.0	65.0	118 44.5	BD	64 10 16	1936	142	445	3.20	100.0	59	27
103.0	70.0	119 05.0	BD	64 10 16	1656	142	433	3.29	100.0	7	5
103.0	80.0	119 44.0	BD	64 10 16	1146	141	441	3.19	100.0	18	14
103.0	90.0	120 23.5	BD	64 10 16	0701	141	456	3.10	100.0	29	60
107.0	30.0	116 03.3	BD	64 10 17	1925	11	218	0.49	100.0	13	220
107.0	31.0	116 07.0	BD	64 10 17	2014	35	186	1.90	100.0	10	68
107.0	32.0	116 11.0	BD	64 10 17	2206	141	475	2.96	100.0	12	29
107.0	35.0	116 23.0	BD	64 10 17	2246	139	497	2.80	100.0	21	5
107.0	40.0	117 03.2	BD	64 10 18	0116	140	480	2.92	100.0	4	2
107.0	45.0	117 43.3	BD	64 10 18	0341	141	486	2.90	100.0	0	5
107.0	50.0	117 22.0	BD	64 10 18	0606	141	475	2.97	100.0	9	5
107.0	55.0	117 42.5	BD	64 10 18	0841	141	481	2.94	100.0	21	9
107.0	60.0	118 01.5	BD	64 10 18	1111	141	488	2.90	100.0	26	26
107.0	65.0	118 21.5	BD	64 10 18	1401	140	489	2.87	100.0	69	7
107.0	70.0	118 41.5	BD	64 10 18	1636	141	463	3.05	100.0	25	162
107.0	80.0	119 20.5	BD	64 10 18	2116	141	456	3.09	100.0	79	163
107.0	90.0	119 59.5	BD	64 10 19	0146	140	459	3.06	100.0	179	101
110.0	32.0	115 47.8	BD	64 10 20	1217	20	213	0.94	100.0	22	130
110.0	35.0	116 00.0	BD	64 10 20	1021	141	460	3.07	100.0	4	1
110.0	40.0	116 18.5	BD	64 10 20	0806	141	472	2.98	100.0	7	1
110.0	45.0	116 39.5	BD	64 10 20	0511	141	450	3.14	100.0	101	1
110.0	50.0	116 58.5	BD	64 10 20	0226	141	444	3.17	100.0	163	0
110.0	55.0	117 19.7	BD	64 10 19	2341	141	455	3.09	100.0	136	12
110.0	60.0	117 38.5	BD	64 10 19	2106	142	442	3.21	100.0	1	0
110.0	65.0	117 58.2	BD	64 10 19	1816	140	471	2.98	100.0	95	15
110.0	70.0	118 18.0	BD	64 10 19	1531	142	463	3.06	100.0	9	41
110.0	80.0	118 56.5	BD	64 10 19	1036	142	445	3.19	100.0	140	350
110.0	90.0	119 34.4	BD	64 10 19	0601	142	454	3.13	100.0	70	1227
113.0	28.5	115 11.3	BD	64 10 20	1755	11	193	0.55	100.0	8	797
113.0	29.0	115 13.2	BD	64 10 20	1819	21	171	1.24	100.0	1	92
113.0	29.0	115 18.0	BD	64 10 20	1914	42	160	2.61	100.0	40	40
113.0	35.0	115 38.0	BD	64 10 20	2141	141	427	3.30	100.0	70	7
113.0	40.0	115 57.7	BD	64 10 21	0006	140	506	2.78	100.0	47	3
113.0	45.0	116 17.2	BD	64 10 21	0246	139	487	2.86	100.0	21	0
113.0	50.0	116 36.0	BD	64 10 21	0526	140	464	3.02	100.0	17	2
113.0	55.0	116 54.5	BD	64 10 21	0806	141	482	2.93	100.0	4	5
113.0	60.0	117 17.0	BD	64 10 21	1041	141	501	2.81	100.0	19	5
113.0	65.0	117 35.7	BD	64 10 21	1311	139	483	2.89	100.0	3	2
113.0	70.0	117 55.5	BD	64 10 21	1536	140	509	2.75	100.0	21	8
113.0	80.0	118 33.5	BD	64 10 21	2001	141	489	2.89	100.0	354	112

TABLE 1. (cont.)

CalCOFI Cruise 6410

Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
117.0	24.8	28 58.5	BD	64 10 23	0739	14	222	0.64	100.0	10	28
117.0	25.0	28 58.0	BD	64 10 23	0709	42	230	1.84	100.0	15	26
117.0	26.0	28 56.0	BD	64 10 23	0618	57	236	2.41	100.0	20	18
117.0	30.0	28 48.0	BD	64 10 23	0408	78	286	2.73	100.0	56	126
117.0	35.0	28 38.0	BD	64 10 23	0116	142	448	3.17	100.0	106	281
117.0	40.0	28 27.8	BD	64 10 22	0221	145	456	3.19	100.0	31	26
117.0	45.0	28 18.0	BD	64 10 22	1731	142	426	3.35	100.0	65	2
117.0	50.0	28 06.2	BD	64 10 22	1406	142	495	2.87	100.0	23	0
117.0	55.0	27 54.5	BD	64 10 22	1121	143	497	2.87	100.0	25	4
117.0	60.0	27 48.0	BD	64 10 22	0841	142	510	2.78	100.0	35	5
117.0	65.0	27 43.3	BD	64 10 22	0706	140	500	2.81	100.0	183	6
117.0	70.0	27 32.2	BD	64 10 22	0446	140	502	2.79	100.0	246	54
117.0	80.0	27 10.0	BD	64 10 22	0011	136	516	2.64	100.0	319	109
118.0	39.0	28 18.5	BD	64 10 23	2021	142	453	3.13	100.0	43	40
119.0	33.0	28 19.0	BD	64 10 23	2023	85	278	3.06	100.0	46	88
120.0	22.5	28 28.0	BD	64 10 23	1244	14	257	0.54	100.0	93	206
120.0	23.0	28 27.0	BD	64 10 23	1314	17	266	0.65	100.0	214	447
120.0	24.0	28 25.0	BD	64 10 23	1404	28	249	1.13	100.0	25	160
120.0	25.0	28 23.0	BD	64 10 23	1509	43	171	2.50	100.0	8	54
120.0	30.0	28 13.0	BD	64 10 23	1758	70	247	2.82	100.0	52	123
120.0	35.0	28 03.0	BD	64 10 23	2218	71	250	2.84	100.0	28	223
120.0	40.0	27 56.3	BD	64 10 24	0024	33	157	2.07	100.0	30	61
120.0	45.0	27 42.7	BD	64 10 24	0246	140	474	2.83	100.0	83	23
120.0	50.0	27 33.0	BD	64 10 24	0516	139	476	2.92	100.0	182	5
120.0	55.0	27 23.0	BD	64 10 24	0756	141	484	2.91	100.0	101	23
120.0	60.0	27 13.0	BD	64 10 24	1021	141	485	2.90	100.0	28	32
120.0	65.0	27 05.5	BD	64 10 24	1301	141	495	2.84	100.0	65	7
120.0	70.0	26 52.8	BD	64 10 24	1601	142	472	3.00	100.0	22	2
123.0	36.0	27 26.2	BD	64 10 25	1609	29	252	1.13	100.0	56	739
123.0	37.0	27 24.0	BD	64 10 25	1518	56	203	2.78	100.0	0	2
123.0	42.0	27 14.0	BD	64 10 25	1236	141	504	2.80	100.0	4	4
123.0	45.0	27 08.2	BD	64 10 25	1011	142	475	2.99	100.0	14	4
123.0	50.0	26 58.2	BD	64 10 25	0736	141	474	2.97	100.0	105	5
123.0	55.0	26 49.5	BD	64 10 25	0441	141	480	2.94	100.0	703	9
123.0	60.0	26 39.5	BD	64 10 25	0146	141	465	3.03	100.0	404	31
123.0	65.0	26 29.0	BD	64 10 24	2306	142	490	2.89	100.0	308	2
123.0	70.0	26 19.0	BD	64 10 24	2016	141	487	2.90	100.0	262	13
123.5	35.6	27 24.2	BD	64 10 25	1655	14	214	0.64	100.0	146	767
127.0	32.6	26 58.3	BD	64 10 25	2130	14	276	0.52	100.0	144	373
127.0	33.0	26 57.5	BD	64 10 25	2209	50	178	2.78	100.0	38	118
127.0	34.0	26 55.0	BD	64 10 25	2253	64	230	2.77	100.0	54	192
127.0	40.0	26 42.5	BD	64 10 26	0151	139	495	2.81	100.0	1	1
127.0	45.0	26 32.9	BD	64 10 26	0421	141	439	3.22	100.0	98	13
127.0	50.0	26 22.0	BD	64 10 26	0706	142	521	2.72	100.0	71	11
127.0	55.0	26 12.0	BD	64 10 26	0946	142	485	2.92	100.0	18	39

TABLE 1. (cont.)

CalCOFI Cruise 6410

Line	Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
127.0	60.0	26 03.8	115 46.8	BD	64 10 26	1206	142	475	3.00	100.0	11	38
130.0	25.5	26 38.0	113 11.1	BD	64 10 27	1144	14	247	0.55	100.0	199	575
130.0	26.0	26 37.0	113 13.1	BD	64 10 27	1109	24	226	1.07	100.0	59	803
130.0	28.0	26 39.0	113 21.0	BD	64 10 27	1009	41	239	1.73	100.0	132	580
130.0	30.0	26 29.0	113 29.0	BD	64 10 27	0859	49	231	2.12	100.0	79	192
130.0	35.0	26 18.1	113 51.5	BD	64 10 27	0606	142	474	2.99	100.0	88	36
130.0	40.0	26 09.2	114 08.5	BD	64 10 27	0321	143	472	3.02	100.0	20	4
130.0	45.0	25 59.0	114 27.0	BD	64 10 27	0036	141	469	3.00	100.0	195	7
130.0	50.0	25 49.5	114 46.2	BD	64 10 26	2151	142	477	2.97	100.0	152	17
130.0	55.0	25 39.5	115 05.0	BD	64 10 26	1911	142	504	2.80	100.0	283	21
130.0	60.0	25 29.0	115 24.0	BD	64 10 26	1631	141	438	3.21	100.0	34	4
133.0	19.5	26 13.6	112 25.8	BD	64 10 27	1710	14	205	0.69	100.0	26	242
133.0	21.0	26 12.6	112 32.3	BD	64 10 27	1819	30	201	1.48	100.0	902	901
133.0	23.0	26 08.5	112 40.2	BD	64 10 27	1928	57	174	3.25	100.0	929	340
133.0	25.0	26 04.5	112 48.0	BD	64 10 27	2038	64	242	2.62	100.0	63	102
133.0	30.0	25 54.5	113 07.5	BD	64 10 27	2311	142	446	3.18	100.0	3	10
133.0	35.0	25 44.5	113 26.5	BD	64 10 28	0141	141	437	3.23	100.0	18	37
133.0	40.0	25 35.5	113 44.5	BD	64 10 28	0411	142	448	3.16	100.0	10	17
133.0	45.0	25 24.5	114 06.3	BD	64 10 28	0706	142	441	3.21	100.0	15	12
133.0	50.0	25 13.7	114 26.2	BD	64 10 28	0921	141	469	3.01	100.0	7	2
133.0	55.0	25 05.0	114 42.7	BD	64 10 28	1126	142	459	3.09	100.0	2	6
133.0	60.0	24 54.8	115 02.0	BD	64 10 28	1356	141	468	3.02	100.0	20	143
137.0	20.0	25 39.3	112 08.7	BD	64 10 29	1755	7	181	0.40	100.0	247	136
137.0	21.0	25 36.6	112 11.5	BD	64 10 29	1709	21	200	1.07	100.0	589	136
137.0	22.0	25 36.1	112 14.8	BD	64 10 29	1639	43	164	2.61	100.0	345	219
137.0	23.0	25 34.0	112 19.0	BD	64 10 29	1543	57	218	2.59	100.0	283	1578
137.0	30.0	25 20.2	112 46.0	BD	64 10 29	1211	142	475	2.99	100.0	19	11
137.0	35.0	25 11.5	113 00.8	BD	64 10 29	0731	140	458	3.06	100.0	14	21
137.0	40.0	25 04.0	113 15.2	BD	64 10 29	0531	142	441	3.21	100.0	35	112
137.0	45.0	24 53.0	113 36.7	BD	64 10 29	0246	141	495	2.85	100.0	24	15
137.0	50.0	24 41.5	113 58.5	BD	64 10 29	0001	141	454	3.10	100.0	39	13
137.0	55.0	24 30.5	114 20.0	BD	64 10 28	2106	141	448	3.16	100.0	23	2
137.0	60.0	24 20.5	114 39.8	BD	64 10 28	1816	141	461	3.06	100.0	25	30

TABLE 2. Pooled occurrences of fish larvae taken during CalCOFI cruises in 1964.

Rank	Taxon	Occurrences
1	<i>Engraulis mordax</i>	707
2	<i>Sebastes</i> spp.	492
3	<i>Triphoturus mexicanus</i>	448
4	<i>Vinciguerria lucetia</i>	369
5	<i>Leuroglossus stilbius</i>	360
6	<i>Stenobranchius leucopsarus</i>	342
7	Disintegrated fish larva	311
8	<i>Protomyctophum crockeri</i>	292
9	<i>Merluccius productus</i>	290
10	<i>Cyclothone</i> spp.	247
11	<i>Citharichthys</i> spp.	243
12	<i>Bathylagus wesethi</i>	235
13	Myctophidae	220
14	Unidentified fish larva	217
15	<i>Trachurus symmetricus</i>	206
16	<i>Bathylagus ochotensis</i>	196
17	<i>Lampanyctus ritteri</i>	189
18	<i>Diogenichthys laternatus</i>	163
19	<i>Lampanyctus</i> spp.	155
20	<i>Ceratoscopelus townsendi</i>	146
21	<i>Tarletonbeania crenularis</i>	140
22	Sciaenidae	135
23	<i>Symbolophorus californiensis</i>	116
24	<i>Melamphaes</i> spp.	114
25	<i>Diogenichthys atlanticus</i>	111
26	<i>Diaphus</i> spp.	101
27	<i>Paralichthys californicus</i>	96
28	<i>Sardinops sagax</i>	88
29	<i>Stomias atriventer</i>	81
30	Gobiidae	80
31	Sternoptychidae	79
32	<i>Icichthys lockingtoni</i>	78
33	<i>Pleuronichthys verticalis</i>	74
34	<i>Citharichthys stigmaeus</i>	73
35	<i>Hypsoblennius</i> spp.	69
36	<i>Chauliodus macouni</i>	68
37	<i>Lestidiops ringens</i>	63
38	<i>Diogenichthys</i> spp.	61
39	Ophidiiformes	49
40	<i>Symphurus</i> spp.	48
41	<i>Gonichthys tenuiculus</i>	46
41	<i>Tetragonurus cuvieri</i>	46
41	<i>Lyopsetta exilis</i>	46
44	Cottidae	45
45	Clinidae	44
45	<i>Hygophum atratum</i>	44
47	<i>Hippoglossina stomata</i>	42
48	<i>Parophrys vetulus</i>	41

TABLE 2. (cont.)

Rank	Taxon	Occurrences
49	<i>Notoscopelus resplendens</i>	39
49	<i>Scomber japonicus</i>	39
51	Serranidae	38
51	<i>Bathylagus pacificus</i>	38
53	<i>Argentina sialis</i>	37
53	<i>Etrumeus acuminatus</i>	37
55	<i>Synodus</i> spp.	35
56	<i>Nansenia crassa</i>	33
57	<i>Myctophum nitidulum</i>	32
57	<i>Idiacanthus antrostomus</i>	32
59	<i>Microstoma microstoma</i>	31
59	<i>Scopelogadus bispinosus</i>	31
61	<i>Poromitra</i> spp.	28
62	<i>Oxylebius pictus</i>	27
63	<i>Lampadena urophaos</i>	25
64	Agonidae	24
65	Atherinidae	23
66	Trachipteridae	22
66	<i>Cololabis saira</i>	22
68	Scopelarchidae	21
69	<i>Lampanyctus regalis</i>	20
69	<i>Hygophum reinhardtii</i>	20
69	<i>Sebastolobus</i> spp.	20
72	<i>Ophidion scrippsae</i>	19
73	<i>Halichoeres</i> spp.	18
73	<i>Glyptocephalus zachirus</i>	18
73	<i>Peprilus simillimus</i>	18
73	<i>Xystreurus liolepis</i>	18
77	Trichiuridae	17
78	<i>Scorpaena</i> spp.	16
78	<i>Notolychnus valdiviae</i>	16
78	Haemulidae	16
78	<i>Scopelosaurus</i> spp.	16
82	<i>Prionotus</i> spp.	15
82	<i>Oxyjulis californica</i>	15
84	Carangidae	14
84	Cyclopteridae	14
86	<i>Microstomus pacificus</i>	13
86	<i>Scorpaenichthys marmoratus</i>	13
86	<i>Chromis punctipinnis</i>	13
86	Chiasmodontidae	13
86	<i>Ichthyococcus</i> spp.	13
91	<i>Pleuronichthys ritteri</i>	12
91	<i>Pleuronichthys</i> spp.	12
91	<i>Psettichthys melanostictus</i>	12
91	<i>Syngnathus</i> spp.	12
95	<i>Chilara taylori</i>	11
95	<i>Zaniolepis</i> spp.	11
97	Gerreidae	10

TABLE 2. (cont.)

Rank	Taxon	Occurrences
97	<i>Sphyraena argentea</i>	10
97	Paralepididae	10
100	<i>Pleuronichthys coenosus</i>	9
101	Anguilliformes	8
101	Gobiesocidae	8
101	Gonostomatidae	8
101	<i>Sarda chiliensis</i>	8
105	<i>Semicossyphus pulcher</i>	7
105	<i>Seriola lalandi</i>	7
105	Pleuronectiformes	7
105	Ceratioidei	7
105	<i>Nansenia candida</i>	7
105	<i>Notolepis risso</i>	7
105	<i>Brama</i> spp.	7
112	<i>Hygophum</i> spp.	6
112	Blennioidei	6
112	<i>Aristostomias scintillans</i>	6
112	Stomiiformes	6
116	<i>Howella brodiei</i>	5
116	<i>Hypsopsetta guttulata</i>	5
116	Gempylidae	5
116	Macrouridae	5
120	<i>Tactostoma macropus</i>	4
120	<i>Medialuna californiensis</i>	4
120	<i>Vinciguerrria poweriae</i>	4
120	<i>Loweina rara</i>	4
120	Pomacentridae	4
125	Exocoetidae	3
125	<i>Bathylagus milleri</i>	3
125	<i>Macroramphosus gracilis</i>	3
125	<i>Caulolatilus princeps</i>	3
125	<i>Girella nigricans</i>	3
125	<i>Bathophilus</i> spp.	3
125	<i>Brosomphycis marginata</i>	3
125	<i>Microgadus proximus</i>	3
125	<i>Electrona rissoi</i>	3
134	Hexagrammidae	2
134	<i>Photonectes</i> spp.	2
134	Scombridae	2
134	<i>Sudis atrox</i>	2
134	<i>Stemonosudis macrura</i>	2
134	<i>Centrobranchus</i> spp.	2
134	Hemiramphidae	2
141	<i>Mugil</i> spp.	1
141	Carapidae	1
141	<i>Bathylagus</i> spp.	1
141	<i>Anoplopoma fimbria</i>	1
141	Evermannellidae	1
141	<i>Ichsteus aenigmaticus</i>	1

TABLE 2. (cont.)

Rank	Taxon	Occurrences
141	<i>Porichthys</i> spp.	1
141	<i>Physiculus</i> spp.	1
141	<i>Scomberomorus</i> spp.	1
141	<i>Eustomias</i> spp.	1
141	<i>Pleuronichthys decurrens</i>	1
141	<i>Coryphaena hippurus</i>	1
141	<i>Lepidopsetta bilineata</i>	1
141	Nomeidae	1

TABLE 3. Pooled numbers of fish larvae taken during CalCOFI cruises in 1964. Counts are adjusted for percent of sample sorted and standard haul factor (see text).

Rank	Taxon	Count
1	<i>Engraulis mordax</i>	210298
2	<i>Vinciguerrria lucetia</i>	31762
3	<i>Sebastes</i> spp.	19764
4	<i>Merluccius productus</i>	12129
5	<i>Leuroglossus stilbius</i>	11837
6	<i>Triphoturus mexicanus</i>	11596
7	<i>Stenobranchius leucopsarus</i>	10700
8	<i>Trachurus symmetricus</i>	6938
9	<i>Sardinops sagax</i>	5819
10	<i>Citharichthys</i> spp.	4540
11	Sciaenidae	3208
12	<i>Bathylagus wesethi</i>	2998
13	<i>Diogenichthys lateratus</i>	2384
14	<i>Cyclothone</i> spp.	2179
15	<i>Ceratoscopelus townsendi</i>	2036
16	<i>Bathylagus ochotensis</i>	1787
17	Disintegrated fish larva	1627
18	Unidentified fish larva	1590
19	<i>Protomyctophum crockeri</i>	1554
20	Myctophidae	1396
21	<i>Lampanyctus ritteri</i>	1329
22	<i>Tarletonbeania crenularis</i>	1021
23	<i>Lampanyctus</i> spp.	942
24	<i>Paralichthys californicus</i>	915
25	<i>Diogenichthys atlanticus</i>	868
26	<i>Diaphus</i> spp.	864
27	Serranidae	792
28	Carangidae	677
29	<i>Symphurus</i> spp.	676
30	<i>Symbolophorus californiensis</i>	626
31	<i>Synodus</i> spp.	580
32	<i>Scomber japonicus</i>	575
33	<i>Etrumeus acuminatus</i>	567
34	<i>Icichthys lockingtoni</i>	467
35	<i>Melamphaes</i> spp.	447
36	<i>Stomias atriventer</i>	428
37	<i>Parophrys vetulus</i>	414
38	Ophidiiformes	400
39	<i>Citharichthys stigmaeus</i>	372
40	Haemulidae	368
41	<i>Diogenichthys</i> spp.	348
42	<i>Tetragonurus cuvieri</i>	286
43	<i>Hypsoblennius</i> spp.	284
44	Sternoptychidae	276
45	<i>Prionotus</i> spp.	273
46	<i>Gonichthys tenuiculus</i>	260
47	Gobiidae	256

TABLE 3. (cont.)

Rank	Taxon	Count
48	<i>Pleuronichthys verticalis</i>	240
49	<i>Chauliodus macouni</i>	239
50	<i>Lestidiops ringens</i>	233
51	<i>Halichoeres</i> spp.	226
52	<i>Lyopsetta exilis</i>	220
53	<i>Hygophum atratum</i>	218
54	<i>Argentina sialis</i>	213
55	<i>Ophidion scrippsae</i>	192
55	<i>Notoscopelus resplendens</i>	192
57	Cottidae	174
58	<i>Lampadena urophaos</i>	170
59	<i>Bathylagus pacificus</i>	159
60	<i>Idiacanthus antrostomus</i>	153
61	<i>Hippoglossina stomata</i>	149
62	<i>Myctophum nitidulum</i>	125
63	<i>Nansenia crassa</i>	114
64	<i>Cololabis saira</i>	111
65	Clinidae	109
66	<i>Scopelogadus bispinosus</i>	106
67	<i>Microstoma microstoma</i>	104
68	<i>Xystreureys liolepis</i>	96
69	<i>Lampanyctus regalis</i>	94
70	<i>Poromitra</i> spp.	93
71	<i>Notolychnus valdiviae</i>	88
72	<i>Peprilus simillimus</i>	85
73	Atherinidae	81
74	<i>Hygophum reinhardtii</i>	79
75	<i>Scopelosaurus</i> spp.	78
76	Trichiuridae	76
77	<i>Sphyræna argentea</i>	73
77	<i>Glyptocephalus zachirus</i>	73
79	<i>Sebastolobus</i> spp.	72
80	<i>Chromis punctipinnis</i>	71
81	Trachipteridae	69
82	<i>Scorpaena</i> spp.	68
82	<i>Microstomus pacificus</i>	68
84	Scopelarchidae	66
84	<i>Oxylebius pictus</i>	66
86	Gerreidae	62
87	Anguilliformes	61
88	Chiasmodontidae	55
89	Agonidae	54
90	<i>Seriola lalandi</i>	43
91	<i>Ichthyococcus</i> spp.	42
91	<i>Oxyjulis californica</i>	42
93	Cyclopteridae	41
94	<i>Sarda chiliensis</i>	40
95	Paralepididae	39
96	<i>Howella brodiei</i>	38

TABLE 3. (cont.)

Rank	Taxon	Count
96	Pleuronectiformes	38
98	<i>Chilara taylori</i>	37
99	<i>Scorpaenichthys marmoratus</i>	35
100	<i>Zaniolepis</i> spp.	34
101	Pomacentridae	33
102	Stomiiformes	30
102	Gonostomatidae	30
104	<i>Psettichthys melanostictus</i>	28
105	<i>Pleuronichthys ritteri</i>	27
105	<i>Tactostoma macropus</i>	27
107	<i>Pleuronichthys</i> spp.	26
108	<i>Aristostomias scintillans</i>	24
108	<i>Macroramphosus gracilis</i>	24
110	Ceratioidei	23
110	<i>Brama</i> spp.	23
110	<i>Pleuronichthys coenosus</i>	23
113	Gobiesocidae	22
114	<i>Nansenia candida</i>	21
115	<i>Medialuna californiensis</i>	20
115	<i>Semicossyphus pulcher</i>	20
117	<i>Syngnathus</i> spp.	19
118	<i>Notolepis risso</i>	18
119	<i>Hygophum</i> spp.	17
120	Gempylidae	16
121	<i>Loweina rara</i>	14
121	<i>Vinciguerria poweriae</i>	14
121	Macrouridae	14
124	Exocoetidae	12
125	<i>Bathophilus</i> spp.	11
126	<i>Photonectes</i> spp.	10
126	Scombridae	10
128	Blennioidei	9
128	<i>Brosmophycis marginata</i>	9
128	<i>Bathylagus milleri</i>	9
131	<i>Electrona rissoi</i>	8
132	<i>Hypsoptsetta guttulata</i>	7
132	<i>Anoplopoma fimbria</i>	7
134	<i>Stemonosudis macrura</i>	6
134	<i>Caulolatilus princeps</i>	6
134	<i>Lepidopsetta bilineata</i>	6
134	<i>Microgadus proximus</i>	6
138	<i>Sudis atrox</i>	5
138	Evermannellidae	5
138	<i>Girella nigricans</i>	5
138	<i>Centrobranchus</i> spp.	5
138	<i>Coryphaena hippurus</i>	5
143	<i>Icosteus aenigmaticus</i>	4
143	Hemiramphidae	4
145	<i>Mugil</i> spp.	3

TABLE 3. (cont.)

Rank	Taxon	Count
145	<i>Scomberomorus</i> spp.	3
145	Nomeidae	3
145	<i>Bathylagus</i> spp.	3
145	Carapidae	3
145	<i>Porichthys</i> spp.	3
145	<i>Physiculus</i> spp.	3
145	<i>Eustomias</i> spp.	3
145	<i>Pleuronichthys decurrens</i>	3
154	Hexagrammidae	1
	Total	367647

TABLE 4. Numbers of fish larvae taken on stations occupied during CalCOFI cruises in 1964. Counts are adjusted for percent of sample sorted and standard haul factor (see text). Average number is given for stations occupied twice during a single month. Unoccupied stations are indicated by a dash.

Anguilliformes											
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV. DEC.
80.0	80.0	0.0	-	0.0	-	0.0	-	-	-	3.1	-
110.0	45.0	0.0	-	0.0	-	-	2.7	-	-	0.0	-
130.0	40.0	2.9	-	0.0	-	-	0.0	-	-	0.0	-
133.0	23.0	0.0	-	0.0	-	-	-	0.0	-	6.5	-
137.0	21.0	0.0	-	-	0.0	-	0.0	-	-	22.5	-
137.0	22.0	0.0	-	-	0.0	-	0.0	-	-	13.0	-
137.0	23.0	0.0	-	-	0.0	-	0.0	-	-	7.8	-
137.0	60.0	0.0	-	0.0	-	-	0.0	-	-	3.1	-
<i>Etrumeus acuminatus</i>											
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV. DEC.
90.0	27.5	0.0	-	0.0	-	-	0.8	-	-	0.0	-
117.0	25.0	0.0	-	0.0	-	-	0.0	-	-	1.8	-
117.0	35.0	0.0	-	0.0	-	-	0.0	-	-	6.3	-
119.0	33.0	-	0.0	0.0	-	-	2.9	-	-	0.0	-
120.0	22.5	0.0	0.0	0.0	-	-	0.5	-	-	0.0	-
120.0	23.0	0.0	-	0.0	-	-	2.3	-	-	40.9	-
120.0	24.0	0.0	-	0.0	-	-	0.0	-	-	3.4	-
120.0	25.0	0.0	0.0	0.0	-	-	0.0	-	-	2.5	-
120.0	40.0	0.0	0.0	0.0	-	-	1.7	-	-	10.3	-
120.0	45.0	0.0	0.0	0.0	-	-	0.0	-	-	2.8	-
123.0	36.0	0.0	0.0	0.0	-	-	1.9	-	-	6.8	-
123.0	37.0	0.0	0.0	0.0	-	-	12.6	-	-	0.0	-
123.5	35.6	0.0	0.0	0.0	-	-	0.9	-	-	7.0	-
127.0	32.6	0.0	0.0	0.0	-	-	-	0.0	-	20.8	-
127.0	33.0	0.0	0.0	0.0	-	-	-	0.0	-	13.9	-
130.0	25.5	0.0	0.0	0.0	-	-	10.0	-	-	63.3	-
130.0	28.0	0.0	0.0	0.0	-	-	0.0	-	-	1.7	-
130.0	30.0	0.0	0.0	0.0	-	-	0.0	-	-	2.1	-
133.0	19.5	0.0	0.0	0.0	-	-	0.0	0.9	-	0.0	-
133.0	21.0	52.5	0.0	0.0	-	-	-	3.5	-	97.7	-
133.0	23.0	4.9	0.0	0.0	-	-	-	0.0	-	55.3	-
133.0	30.0	5.7	-	0.0	-	-	-	0.0	-	0.0	-
137.0	20.0	0.2	-	-	0.0	-	0.0	-	-	0.0	-
137.0	21.0	1.9	-	-	0.0	-	0.0	-	-	4.3	-
137.0	22.0	0.8	-	-	0.0	-	0.0	-	-	15.7	-
137.0	23.0	0.0	-	-	0.0	-	0.0	-	-	103.6	-
137.0	30.0	0.0	-	-	0.0	-	-	-	-	3.0	-

TABLE 4. (cont.)

Sardinops sagax

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	40.0	0.0	-	0.0	-	0.0	0.0	-	-	1.5	-	-
87.0	32.5	0.0	-	0.0	-	0.0	0.0	-	-	0.6	-	-
90.0	27.5	0.3	-	0.0	-	-	0.0	-	-	0.0	-	-
90.0	28.0	0.0	-	0.0	-	-	12.8	-	-	0.0	-	-
97.0	30.0	1.8	-	0.0	-	-	0.0	-	-	0.0	-	-
97.0	32.0	0.0	-	0.0	-	-	0.0	-	-	5.9	-	-
97.0	35.0	0.0	-	0.0	-	-	0.0	-	-	61.7	-	-
103.0	28.5	1.4	-	0.0	-	-	0.0	-	-	0.0	-	-
103.0	29.0	29.9	-	0.0	-	-	0.0	-	-	0.0	-	-
103.0	30.0	1.4	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0	30.0	36.0	-	0.0	-	-	0.0	-	-	0.0	-	-
110.0	35.0	0.0	-	0.0	-	-	3.3	-	-	0.0	-	-
113.0	28.5	0.0	-	0.0	-	-	0.6	-	-	0.0	-	-
113.0	29.0	0.4	-	0.0	-	-	2.5	-	-	0.0	-	-
113.0	30.0	0.0	-	0.0	-	-	23.8	-	-	0.0	-	-
117.0	25.0	0.0	-	0.0	-	-	13.9	-	-	0.0	-	-
117.0	26.0	0.0	-	0.0	-	-	22.6	-	-	0.0	-	-
119.0	33.0	-	0.0	0.0	-	-	2.9	-	-	12.2	-	-
120.0	22.5	0.2	0.0	0.0	-	-	53.8	-	-	44.8	-	-
120.0	23.0	0.0	-	0.0	-	-	78.7	-	-	89.7	-	-
120.0	24.0	0.6	-	0.0	-	-	38.7	-	-	20.3	-	-
120.0	25.0	0.0	-	0.0	-	-	17.9	-	-	2.5	-	-
120.0	30.0	0.0	-	0.0	-	-	12.1	-	-	0.0	-	-
120.0	40.0	0.7	-	24.8	-	-	1.7	-	-	4.1	-	-
120.0	45.0	0.0	-	0.0	-	-	0.0	-	-	2.8	-	-
123.0	36.0	0.0	-	0.0	-	-	6.5	-	-	46.3	-	-
123.0	37.0	0.0	-	0.0	-	-	2.5	-	-	0.0	-	-
123.0	42.0	11.9	-	0.0	-	-	0.0	-	-	2.8	-	-
123.0	45.0	3.2	-	0.0	-	-	0.0	-	-	0.0	-	-
123.0	50.0	0.0	-	3.4	-	-	0.0	-	-	0.0	-	-
123.5	35.6	0.0	-	0.0	-	-	22.5	-	-	35.8	-	-
127.0	32.6	0.0	-	0.0	-	-	-	0.3	-	9.4	-	-
127.0	33.0	2.9	-	0.0	-	-	-	0.0	-	2.8	-	-
127.0	34.0	0.0	-	0.0	-	-	-	0.0	-	11.1	-	-
130.0	25.5	202.9	-	0.0	-	-	104.6	-	-	17.6	-	-
130.0	26.0	47.9	-	0.0	-	-	60.2	-	-	6.4	-	-
130.0	28.0	3.5	-	0.0	-	-	0.0	-	-	8.7	-	-
130.0	30.0	0.0	-	0.0	-	-	0.0	-	-	40.3	-	-
130.0	35.0	307.0	-	0.0	-	-	0.0	-	-	6.0	-	-
130.0	40.0	45.9	-	0.0	-	-	0.0	-	-	0.0	-	-
133.0	19.5	108.1	-	0.0	-	-	-	30.4	-	1.4	-	-
133.0	21.0	40.4	-	0.0	-	-	-	147.0	-	481.0	-	-
133.0	23.0	0.0	-	0.0	-	-	-	28.6	-	1501.5	-	-
133.0	25.0	3.8	-	0.0	-	-	-	0.0	-	76.0	-	-
133.0	30.0	0.0	-	0.0	-	-	-	3.0	-	0.0	-	-
137.0	20.0	24.3	-	0.0	0.0	-	0.0	-	-	29.2	-	-

TABLE 4. (cont.)

Sardinops sagax (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
137.0	21.0	124.3	-	-	0.0	-	247.5	-	-	145.5	-	-
137.0	22.0	65.5	-	-	0.0	-	214.1	-	-	127.9	-	-
137.0	23.0	271.1	-	-	0.0	-	421.2	-	-	23.3	-	-
140.0	28.8	0.5	-	-	-	-	-	-	-	-	-	-
140.0	30.0	33.0	-	-	-	-	26.4	-	-	-	-	-
140.0	50.0	0.0	-	-	-	-	2.6	-	-	-	-	-

Engraulis mordax

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	51.0	6.8	-	0.0	-	-	0.0	-	-	-	-	-
60.0	55.0	2.6	-	0.0	-	-	0.0	-	-	-	-	-
60.0	60.0	-	-	0.0	-	-	0.0	-	-	-	-	-
60.0	70.0	5.5	-	0.0	-	-	24.8	-	-	-	-	-
63.0	49.7	0.3	-	-	-	-	-	-	-	-	-	-
63.0	50.0	7.0	-	0.0	-	-	-	-	-	-	-	-
63.0	51.0	5.2	-	0.0	0.0	-	-	-	-	-	-	-
63.0	52.0	24.5	-	3.2	1.9	-	-	-	-	-	-	-
63.0	55.0	35.0	-	0.0	-	-	-	-	-	-	-	-
63.0	60.0	0.4	-	3.0	11.6	-	-	-	-	-	-	-
67.0	47.3	0.4	-	0.0	5.4	-	-	-	-	-	-	-
67.0	48.0	0.5	-	0.0	-	-	-	-	-	-	-	-
67.0	49.0	3.8	-	0.0	3.4	-	-	-	-	-	-	-
67.0	50.0	79.5	-	0.0	11.6	-	-	-	-	-	-	-
67.0	55.0	52.8	-	0.0	67.8	-	-	-	-	-	-	-
67.0	65.0	-	-	7.8	-	-	-	-	-	-	-	-
70.0	50.0	76.2	-	2.8	-	-	-	-	-	-	-	-
70.0	51.0	144.6	-	0.0	0.0	-	-	-	-	-	-	-
70.0	52.0	466.5	-	9.0	0.0	-	-	-	-	-	-	-
70.0	53.0	693.2	-	15.3	12.5	-	-	-	-	-	-	-
70.0	60.0	0.0	-	2767.6	0.0	-	-	-	-	-	-	-
70.0	65.0	-	-	20.9	-	-	-	-	-	-	-	-
70.0	70.0	0.0	-	33.2	11.3	-	-	-	-	-	-	-
70.0	80.0	0.0	-	0.0	39.6	-	-	-	-	-	-	-
73.0	49.4	0.8	-	0.6	3.5	-	-	-	-	-	-	-
73.0	50.0	86.9	-	142.6	17.1	-	-	-	-	-	-	-
73.0	51.0	246.6	-	695.4	0.0	-	-	-	-	-	-	-
73.0	53.0	606.3	-	283.4	8.4	-	-	-	-	-	-	-
73.0	60.0	0.0	-	2780.3	905.8	-	-	-	-	-	-	-
73.0	65.0	-	-	1374.0	-	-	-	-	-	-	-	-
73.0	70.0	-	-	510.2	-	-	-	-	-	-	-	-
76.2	49.8	152.5	-	-	-	-	-	-	-	-	-	-
76.2	52.2	472.8	-	-	-	-	-	-	-	-	-	-
76.2	54.6	650.5	-	-	-	-	-	-	-	-	-	-
76.2	55.5	-	-	-	-	13.9	-	-	-	-	-	-

TABLE 4. (cont.)

Engraulis mordax (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
76.2	57.0	410.6	—	—	—	—	—	—	—	—	—	—
76.2	60.0	123.5	—	—	—	5.4	—	—	—	—	—	—
76.2	63.3	22.7	—	—	—	40.2	—	—	—	—	—	—
76.2	65.0	—	—	—	—	—	—	—	—	—	—	—
76.2	66.7	10.7	—	—	—	127.3	—	—	—	—	—	—
76.2	70.0	8.0	—	—	—	0.0	—	—	—	—	—	—
77.0	47.6	0.8	—	—	—	0.0	—	—	—	—	—	—
77.0	48.0	18.2	—	—	—	0.0	—	—	—	—	—	—
77.0	49.0	255.3	—	—	—	0.0	—	—	—	—	—	—
77.0	51.0	302.9	—	47.8	—	2.7	—	—	—	—	—	—
77.0	52.9	718.1	—	58.2	—	—	—	—	—	—	—	—
77.0	53.0	—	—	—	—	3.0	—	—	—	—	—	—
77.0	55.0	910.8	—	390.6	—	214.6	—	—	—	—	—	—
77.0	57.0	—	—	750.5	—	—	—	—	—	—	—	—
77.0	57.6	598.5	—	—	—	97.7	—	—	—	—	—	—
77.0	60.0	306.0	—	1026.0	—	—	—	—	—	—	—	—
77.0	63.3	41.3	—	—	—	36.4	—	—	—	—	—	—
77.0	65.0	—	—	603.0	—	—	—	—	—	—	—	—
77.0	66.7	72.2	—	—	—	—	—	—	—	—	—	—
77.0	70.0	33.1	—	218.7	—	448.8	—	—	—	—	—	—
77.0	80.0	—	—	28.0	—	—	—	—	—	—	—	—
77.8	51.1	65.5	—	—	—	11.6	—	—	—	—	—	—
77.8	53.0	—	—	—	—	—	—	—	—	—	—	—
77.8	54.0	565.2	—	—	—	5.2	—	—	—	—	—	—
77.8	55.0	—	—	—	—	—	—	—	—	—	—	—
77.8	57.0	529.2	—	—	—	49.9	—	—	—	—	—	—
77.8	60.0	186.3	—	—	—	—	—	—	—	—	—	—
77.8	63.3	154.0	—	—	—	—	—	—	—	—	—	—
77.8	65.0	—	—	—	—	135.2	—	—	—	—	—	—
77.8	66.7	586.6	—	—	—	—	—	—	—	—	—	—
77.8	70.0	5.5	—	—	—	66.2	—	—	—	—	—	—
78.5	52.5	50.5	—	—	—	—	—	—	—	—	—	—
78.5	53.0	—	—	—	—	3.3	—	—	—	—	—	—
78.5	54.5	148.5	—	—	—	—	—	—	—	—	—	—
78.5	55.0	—	—	—	—	—	—	—	—	—	—	—
78.5	57.2	256.7	—	—	—	29.7	—	—	—	—	—	—
78.5	57.5	—	—	—	—	—	—	—	—	—	—	—
78.5	60.0	222.8	—	—	—	324.5	—	—	—	—	—	—
78.5	63.3	803.3	—	—	—	19.7	—	—	—	—	—	—
78.5	65.0	—	—	—	—	51.7	—	—	—	—	—	—
78.5	66.7	252.9	—	—	—	—	—	—	—	—	—	—
78.5	70.0	19.3	—	—	—	0.0	—	—	—	—	—	—
78.5	74.0	8.0	—	—	—	—	—	—	—	—	—	—
78.5	75.0	—	—	—	—	68.4	—	—	—	—	—	—
78.5	75.6	—	—	—	—	—	—	—	—	—	—	—
79.2	52.6	71.8	—	—	—	—	—	—	—	—	—	—
79.2	53.0	—	—	—	—	6.7	—	—	—	—	—	—

TABLE 4. (cont.)

Engraulis mordax (cont.)												
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
79.2	54.4	78.8	-	-	-	-	-	-	-	-	-	-
79.2	55.0	-	-	-	-	10.1	-	-	-	-	-	-
79.2	57.3	519.8	-	-	-	-	-	-	-	-	-	-
79.2	60.0	341.0	-	-	-	1457.9	-	-	-	-	-	-
79.2	63.3	105.8	-	-	-	-	-	-	-	-	-	-
79.2	65.0	-	-	-	-	53.9	-	-	-	-	-	-
79.2	66.7	43.7	-	-	-	-	-	-	-	-	-	-
79.2	70.0	5.8	-	-	-	450.2	-	-	-	-	-	-
79.2	74.0	3.0	-	-	-	-	-	-	-	-	-	-
79.2	75.0	-	-	-	-	304.6	-	-	-	-	-	-
80.0	50.2	9.0	-	-	-	0.5	-	-	-	0.8	-	-
80.0	51.0	149.5	-	-	-	2.2	-	-	-	0.0	-	-
80.0	52.0	145.2	-	-	-	-	-	-	-	0.0	-	-
80.0	53.0	228.7	-	-	-	6.7	-	-	-	-	-	-
80.0	55.0	349.0	-	-	-	6.3	-	-	-	0.0	-	-
80.0	57.6	597.7	-	-	-	-	-	-	-	-	-	-
80.0	60.0	708.0	-	-	-	1609.7	-	-	-	0.0	-	-
80.0	63.3	197.4	-	-	-	-	-	-	-	-	-	-
80.0	65.0	-	-	-	-	1918.8	-	-	-	0.0	-	-
80.0	70.0	3.0	-	-	-	329.0	-	-	-	0.0	-	-
80.0	74.0	15.5	-	-	-	-	-	-	-	-	-	-
80.0	75.0	-	-	-	-	368.7	-	-	-	0.0	-	-
80.0	80.0	22.2	-	-	-	0.0	-	-	-	-	-	-
80.8	47.7	127.3	-	-	-	-	-	-	-	-	-	-
80.8	51.0	354.3	-	-	-	-	-	-	-	-	-	-
80.8	52.0	-	-	-	-	27.7	-	-	-	-	-	-
80.8	54.0	181.8	-	-	-	-	-	-	-	-	-	-
80.8	55.0	-	-	-	-	118.4	-	-	-	-	-	-
80.8	57.0	237.5	-	-	-	-	-	-	-	-	-	-
80.8	60.0	49.6	-	-	-	-	-	-	-	-	-	-
80.8	63.3	60.4	-	-	-	1096.5	-	-	-	-	-	-
80.8	65.0	-	-	-	-	-	-	-	-	-	-	-
80.8	66.7	120.8	-	-	-	204.6	-	-	-	-	-	-
80.8	70.0	0.0	-	-	-	-	-	-	-	-	-	-
80.9	48.0	-	-	-	-	758.6	-	-	-	-	-	-
81.5	45.2	41.7	-	-	-	20.0	-	-	-	-	-	-
81.5	46.1	119.2	-	-	-	3.0	-	-	-	-	-	-
81.5	48.4	145.4	-	-	-	-	-	-	-	-	-	-
81.5	50.0	-	-	-	-	-	-	-	-	-	-	-
81.5	50.4	1768.5	-	-	-	3.2	-	-	-	-	-	-
81.5	55.0	171.1	-	-	-	-	-	-	-	-	-	-
81.5	57.0	207.3	-	-	-	5.6	-	-	-	-	-	-
81.5	60.0	96.1	-	-	-	-	-	-	-	-	-	-
81.5	63.3	289.8	-	-	-	873.0	-	-	-	-	-	-
81.5	65.0	-	-	-	-	-	-	-	-	-	-	-
82.0	47.0	-	-	-	-	154.1	-	-	-	13.1	-	-
82.0	1189.3	-	-	-	-	-	-	-	-	-	-	-
82.0	371.8	-	-	-	-	-	-	-	-	-	-	-
82.0	259.0	-	-	-	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

Engraulis mordax (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
82.2	43.5	169.3	-	-	-	35.0	-	-	-	-	-	-
82.2	45.5	-	-	-	-	8.5	-	-	-	-	-	-
82.2	47.0	267.5	-	-	-	-	-	-	-	-	-	-
82.2	53.5	-	-	-	-	24.9	-	-	-	-	-	-
82.2	54.3	870.1	-	-	-	-	-	-	-	-	-	-
82.2	55.0	-	-	-	-	35.5	-	-	-	-	-	-
82.2	57.2	752.1	-	-	-	-	-	-	-	-	-	-
82.2	60.0	585.8	-	-	-	199.5	-	-	-	-	-	-
82.2	63.3	55.6	-	-	-	932.6	-	-	-	-	-	-
82.2	66.7	16.2	-	-	-	-	-	-	-	-	-	-
82.7	44.0	-	-	-	-	3.0	-	-	-	-	-	-
83.0	39.0	89.7	-	-	-	5.3	4.8	-	-	22.3	-	-
83.0	40.0	930.0	-	56.8	-	9.4	19.8	-	-	72.5	-	-
83.0	42.0	149.1	-	-	-	-	-	-	-	-	-	-
83.0	43.0	399.4	-	1512.7	-	-	279.4	-	-	176.0	-	-
83.0	44.3	63.7	-	1313.3	-	2.8	152.5	-	-	2.8	-	-
83.0	51.0	41.9	-	-	-	3.4	-	-	-	-	-	-
83.0	52.9	211.6	-	-	-	6.2	222.0	-	-	16.5	-	-
83.0	53.0	-	-	162.5	-	-	-	-	-	-	-	-
83.0	55.0	704.2	-	-	-	88.8	58.8	-	-	0.0	-	-
83.0	57.6	77.5	-	452.6	-	-	-	-	-	-	-	-
83.0	60.0	69.5	-	-	-	-	-	-	-	-	-	-
83.0	63.3	155.0	-	-	-	952.0	295.3	-	-	0.0	-	-
83.0	65.0	201.5	-	69.9	-	-	54.1	-	-	0.0	-	-
83.0	70.0	222.6	-	40.3	-	-	22.3	-	-	3.3	-	-
83.0	80.0	5.3	-	0.0	-	-	0.0	-	-	0.0	-	-
83.0	90.0	-	-	-	-	19.7	-	-	-	-	-	-
83.4	41.0	-	-	-	-	22.3	-	-	-	-	-	-
83.8	45.0	-	-	-	-	7.7	-	-	-	-	-	-
83.8	48.0	-	-	-	-	23.0	-	-	-	-	-	-
85.0	39.0	-	-	-	-	3.7	-	-	-	-	-	-
85.0	41.5	-	-	-	-	10.3	-	-	-	-	-	-
85.0	53.0	-	-	-	-	414.7	-	-	-	-	-	-
85.0	55.0	-	-	-	-	230.6	-	-	-	-	-	-
85.0	60.0	-	-	-	-	-	-	-	-	-	-	-
87.0	32.5	73.5	-	73.4	-	-	2.2	-	-	2.4	-	-
87.0	33.0	1581.7	-	263.0	-	-	5.8	-	-	14.1	-	-
87.0	34.0	94.9	-	94.9	-	-	21.0	-	-	16.0	-	-
87.0	35.0	1855.0	-	2349.2	-	-	29.9	-	-	188.1	-	-
87.0	40.0	340.0	-	2944.5	-	-	28.6	-	-	171.1	-	-
87.0	40.0	2656.8	-	1030.1	-	-	84.0	-	-	637.7	-	-
87.0	45.0	905.3	-	4129.8	-	-	214.6	-	-	254.8	-	-
87.0	50.0	-	-	1123.1	-	-	153.5	-	-	6.7	-	-
87.0	55.0	539.0	-	1293.8	-	-	647.7	-	-	0.0	-	-
87.0	60.0	118.9	-	50.4	-	-	848.5	-	-	0.0	-	-
87.0	65.0	2392.0	-	-	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

Engraulis mordax (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0	70.0	8935.9	-	805.2	-	-	66.4	-	-	0.0	-	-
87.0	80.0	0.0	-	2423.3	-	-	9.0	-	-	0.0	-	-
87.0	80.0	0.0	-	9.0	-	-	25.7	-	-	1.5	-	-
90.0	27.5	35.4	-	446.8	-	-	133.6	-	-	16.6	-	-
90.0	28.0	695.8	-	420.1	-	-	151.7	-	-	202.0	-	-
90.0	32.0	420.1	-	552.4	-	-	13.6	-	-	423.9	-	-
90.0	37.0	159.4	-	1454.2	-	-	95.1	-	-	18.1	-	-
90.0	45.0	599.4	-	1049.0	-	-	59.8	-	-	3.0	-	-
90.0	53.0	40.7	-	0.0	-	-	135.0	-	-	0.0	-	-
90.0	60.0	2.4	-	44.4	-	-	236.0	-	-	0.0	-	-
90.0	65.0	42.4	-	14.3	-	-	499.1	-	-	3.0	-	-
90.0	70.0	5.4	-	624.0	-	-	0.0	-	-	0.0	-	-
90.0	80.0	0.0	-	1062.6	-	-	0.0	-	-	0.0	-	-
90.0	90.0	0.0	-	164.7	-	-	0.0	-	-	0.0	-	-
90.0	100.0	0.0	-	20.3	-	-	0.0	-	-	0.0	-	-
93.0	26.5	72.4	-	25.9	-	-	26.1	-	-	21.8	-	-
93.0	27.0	2312.2	-	333.4	-	-	23.6	-	-	94.7	-	-
93.0	28.0	3376.4	-	1601.1	-	-	16.6	-	-	171.7	-	-
93.0	30.0	1348.1	-	3029.6	-	-	18.1	-	-	328.1	-	-
93.0	35.0	814.3	-	2485.1	-	-	0.0	-	-	0.0	-	-
93.0	40.0	621.6	-	225.4	-	-	19.8	-	-	3.0	-	-
93.0	45.0	48.6	-	228.8	-	-	0.0	-	-	0.0	-	-
93.0	50.0	609.0	-	1163.7	-	-	12.6	-	-	0.0	-	-
93.0	55.0	3306.0	-	1551.2	-	-	332.7	-	-	0.0	-	-
93.0	60.0	1351.8	-	1317.7	-	-	805.8	-	-	0.0	-	-
93.0	65.0	35.4	-	227.5	-	-	863.5	-	-	0.0	-	-
93.0	70.0	2091.9	-	75.6	-	-	937.6	-	-	0.0	-	-
93.0	80.0	1074.4	-	259.6	-	-	-	-	-	0.0	-	-
93.0	90.0	126.8	-	53.4	-	-	-	-	-	0.0	-	-
93.0	100.0	3.0	-	34.8	-	-	-	-	-	0.0	-	-
96.8	28.7	-	-	-	-	-	0.3	-	-	0.0	-	-
97.0	28.6	25.0	-	-	-	-	-	-	-	-	-	-
97.0	29.0	24.5	-	163.8	-	-	1.9	-	-	3.0	-	-
97.0	30.0	94.5	-	561.6	-	-	2.4	-	-	9.4	-	-
97.0	32.0	615.4	-	86.8	-	-	0.0	-	-	509.8	-	-
97.0	35.0	1098.9	-	48.8	-	-	18.3	-	-	541.0	-	-
97.0	40.0	31.9	-	0.0	-	-	89.0	-	-	2.7	-	-
97.0	45.0	68.0	-	0.0	-	-	9.3	-	-	3.1	-	-
97.0	50.0	17.5	-	0.0	-	-	-	-	-	0.0	-	-
97.0	55.0	233.2	-	17.5	-	-	3.4	-	-	0.0	-	-
97.0	60.0	59.2	-	47.8	-	-	0.0	-	-	0.0	-	-
97.0	65.0	96.6	-	138.2	-	-	12.6	-	-	0.0	-	-
97.0	70.0	191.4	-	5.6	-	-	232.1	-	-	0.0	-	-
97.0	75.0	192.3	-	189.8	-	-	-	-	-	0.0	-	-
97.0	80.0	272.3	-	29.8	-	-	-	-	-	0.0	-	-
97.0	90.0	67.3	-	409.2	-	-	0.0	-	-	44.5	-	-
100.0	29.0	55.2	-	18.2	-	-	0.0	-	-	146.4	-	-
100.0	30.0	-	-	-	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

Engraulis mordax (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	35.0	123.8	-	45.5	-	-	0.0	-	-	0.0	-	-
100.0	40.0	193.1	-	142.6	-	-	18.1	-	-	0.0	-	-
100.0	45.0	297.6	-	167.5	-	-	0.0	-	-	0.0	-	-
100.0	50.0	40.1	-	0.0	-	-	37.8	-	-	3.0	-	-
100.0	55.0	126.4	-	0.0	-	-	115.4	-	-	0.0	-	-
100.0	60.0	24.8	-	3.0	-	-	18.4	-	-	0.0	-	-
100.0	65.0	15.8	-	2.9	-	-	2.3	-	-	0.0	-	-
100.0	70.0	0.0	-	0.0	-	-	2.7	-	-	0.0	-	-
100.0	80.0	12.9	-	0.0	-	-	0.0	-	-	3.2	-	-
100.0	100.0	28.4	-	-	-	-	-	-	-	-	-	-
103.0	28.5	33.3	-	8.0	-	-	0.3	-	-	5.2	-	-
103.0	29.0	61.7	-	52.5	-	-	0.6	-	-	60.0	-	-
103.0	30.0	205.2	-	156.6	-	-	0.0	-	-	8.0	-	-
103.0	35.0	11.4	-	0.0	-	-	0.0	-	-	0.0	-	-
103.0	40.0	6.0	-	58.9	-	-	0.0	-	-	0.0	-	-
103.0	45.0	5.9	-	0.0	-	-	-	-	-	0.0	-	-
103.0	50.0	15.1	-	0.0	-	-	0.0	-	-	0.0	-	-
103.0	55.0	12.5	-	0.0	-	-	3.0	-	-	0.0	-	-
103.0	60.0	38.2	-	0.0	-	-	0.0	-	-	0.0	-	-
103.0	65.0	31.2	-	0.0	-	-	0.0	-	-	0.0	-	-
103.0	70.0	39.2	-	0.0	-	-	11.8	-	-	0.0	-	-
103.0	80.0	9.1	-	0.0	-	-	9.3	-	-	0.0	-	-
103.0	85.0	927.6	-	5.3	-	-	0.3	-	-	0.0	-	-
107.0	30.0	24.8	-	16.1	-	-	1.4	-	-	7.6	-	-
107.0	31.0	914.6	-	16.1	-	-	5.6	-	-	14.8	-	-
107.0	32.0	9.8	-	3.0	-	-	0.0	-	-	2.8	-	-
107.0	35.0	6.9	-	3.4	-	-	0.0	-	-	0.0	-	-
107.0	40.0	7.0	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0	50.0	5.3	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0	55.0	3.2	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0	60.0	3.0	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0	65.0	12.5	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0	70.0	5.7	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0	80.0	6.1	-	0.0	-	-	0.0	-	-	0.0	-	-
110.0	32.0	45.4	-	63.2	-	-	2.2	-	-	0.0	-	-
110.0	35.0	185.3	-	198.6	-	-	0.0	-	-	0.0	-	-
110.0	40.0	17.0	-	33.2	-	-	0.0	-	-	0.0	-	-
110.0	45.0	10.6	-	0.0	-	-	0.0	-	-	0.0	-	-
110.0	50.0	34.5	-	0.0	-	-	0.0	-	-	0.0	-	-
110.0	55.0	15.9	-	0.0	-	-	2.6	-	-	0.0	-	-
110.0	65.0	5.5	-	0.0	-	-	0.0	-	-	0.0	-	-
110.0	70.0	11.9	-	0.0	-	-	0.0	-	-	0.0	-	-
110.0	80.0	16.4	-	0.0	-	-	0.0	-	-	0.0	-	-
110.0	90.0	9.1	-	0.0	-	-	0.0	-	-	0.0	-	-
113.0	28.5	24.5	-	1.7	-	-	0.0	-	-	0.0	-	-
113.0	29.0	92.0	-	0.0	-	-	0.0	-	-	0.0	-	-
113.0	30.0	229.4	-	0.0	-	-	74.3	-	-	26.1	-	-

TABLE 4. (cont.)

Engraulis mordax (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0	35.0	27.5	-	0.0	-	-	194.4	-	-	13.2	-	-
113.0	40.0	53.4	-	0.0	-	-	38.2	-	-	2.8	-	-
113.0	45.0	4.9	-	6.2	-	-	-	-	-	0.0	-	-
113.0	50.0	7.7	-	0.0	-	-	0.0	-	-	0.0	-	-
113.0	55.0	11.5	-	0.0	-	-	0.0	-	-	0.0	-	-
113.0	60.0	2.9	-	0.0	-	-	0.0	-	-	0.0	-	-
113.0	65.0	3.0	-	0.0	-	-	-	-	-	0.0	-	-
113.0	90.0	11.1	-	0.0	-	-	0.0	-	-	-	-	-
115.0	35.0	-	709.3	-	-	-	0.0	-	-	-	-	-
117.0	24.8	100.8	-	0.0	-	-	3.4	-	-	0.0	-	-
117.0	25.0	475.4	-	18.0	-	-	211.3	-	-	0.0	-	-
117.0	26.0	1109.1	-	2.9	-	-	470.9	-	-	2.4	-	-
117.0	30.0	17.3	-	35.5	-	-	67.6	-	-	8.2	-	-
117.0	35.0	64.3	-	149.8	-	-	3.1	-	-	0.0	-	-
117.0	40.0	248.7	-	339.4	-	-	9.2	-	-	3.2	-	-
117.0	45.0	1890.4	-	189.1	-	-	3.2	-	-	0.0	-	-
117.0	50.0	14.3	-	0.0	-	-	0.0	-	-	0.0	-	-
117.0	55.0	12.1	-	0.0	-	-	0.0	-	-	0.0	-	-
117.0	60.0	78.3	-	0.0	-	-	0.0	-	-	0.0	-	-
117.0	65.0	23.4	-	0.0	-	-	0.0	-	-	0.0	-	-
117.0	90.0	0.0	-	0.0	-	-	2.9	-	-	0.0	-	-
118.0	39.0	758.0	-	652.6	-	-	72.7	-	-	-	-	-
119.0	33.0	-	108.6	1514.2	-	-	1644.3	-	-	3.1	-	-
120.0	22.5	5.8	-	18.3	-	-	14.9	-	-	9.2	-	-
120.0	23.0	200.5	-	199.8	-	-	26.7	-	-	0.0	-	-
120.0	24.0	620.1	-	41.1	-	-	59.3	-	-	0.0	-	-
120.0	25.0	139.5	-	7.5	-	-	837.4	-	-	0.0	-	-
120.0	30.0	2259.0	-	23.9	-	-	327.2	-	-	0.0	-	-
120.0	35.0	3751.9	-	195.3	-	-	185.9	-	-	5.7	-	-
120.0	40.0	93.4	-	121.5	-	-	96.9	-	-	2.1	-	-
120.0	45.0	229.1	-	301.8	-	-	0.0	-	-	2.8	-	-
120.0	50.0	50.3	-	104.3	-	-	0.0	-	-	0.0	-	-
120.0	55.0	11.4	-	40.8	-	-	0.0	-	-	0.0	-	-
120.0	60.0	84.8	-	6.7	-	-	0.0	-	-	0.0	-	-
120.0	65.0	259.6	-	0.0	-	-	0.0	-	-	0.0	-	-
120.0	70.0	2.7	-	28.1	-	-	0.0	-	-	0.0	-	-
120.0	80.0	0.0	-	3.1	-	-	0.0	-	-	-	-	-
123.0	36.0	2.4	-	44.0	-	-	2.8	-	-	0.0	-	-
123.0	37.0	34.0	-	113.1	-	-	2.5	-	-	0.0	-	-
123.0	42.0	74.3	-	60.3	-	-	170.8	-	-	0.0	-	-
123.0	45.0	282.1	-	15.7	-	-	66.8	-	-	0.0	-	-
123.0	50.0	21.4	-	0.0	-	-	3.1	-	-	0.0	-	-
123.0	55.0	41.7	-	9.9	-	-	0.0	-	-	0.0	-	-
123.0	60.0	21.4	-	16.3	-	-	0.0	-	-	0.0	-	-
123.5	35.6	4.4	-	4.0	-	-	0.6	-	-	0.0	-	-
127.0	32.6	49.0	-	1.5	-	-	-	-	-	8.8	-	-

TABLE 4. (cont.)

Engraulis mordax (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
127.0	33.0	465.7	-	4.7	-	-	-	5.3	-	27.8	-	-
127.0	34.0	0.0	-	51.6	-	-	-	39.7	-	16.6	-	-
127.0	40.0	83.2	-	122.7	-	-	-	0.0	-	0.0	-	-
127.0	45.0	83.2	-	16.1	-	-	-	0.0	-	0.0	-	-
127.0	50.0	36.8	-	0.0	-	-	-	0.0	-	0.0	-	-
127.0	55.0	88.0	-	0.0	-	-	-	0.0	-	0.0	-	-
130.0	25.5	43.7	-	4.1	-	-	1.7	-	-	16.5	-	-
130.0	26.0	658.6	-	4.9	-	-	-	-	-	32.1	-	-
130.0	28.0	1061.4	-	0.0	-	-	60.2	-	-	174.7	-	-
130.0	30.0	1220.3	-	3.2	-	-	5.2	-	-	59.4	-	-
130.0	35.0	2207.0	-	0.0	-	-	0.0	-	-	80.7	-	-
130.0	40.0	1549.8	-	0.0	-	-	0.0	-	-	0.0	-	-
130.0	45.0	91.4	-	0.0	-	-	0.0	-	-	0.0	-	-
130.0	50.0	0.0	-	0.0	-	-	4.9	-	-	0.0	-	-
133.0	19.5	148.6	-	1.8	-	-	-	71.6	-	7.6	-	-
133.0	21.0	1644.3	-	0.0	-	-	-	371.4	-	177.6	-	-
133.0	23.0	6284.5	-	0.0	-	-	-	38.8	-	841.8	-	-
133.0	25.0	1443.8	-	5.8	-	-	-	0.0	-	49.8	-	-
133.0	30.0	1868.4	-	0.0	-	-	-	0.0	-	9.5	-	-
133.0	35.0	396.6	-	0.0	-	-	-	9.6	-	3.2	-	-
133.0	40.0	95.9	-	0.0	-	-	-	18.5	-	0.0	-	-
133.0	45.0	95.0	-	0.0	-	-	-	0.0	-	0.0	-	-
133.0	50.0	2.7	-	0.0	-	-	-	3.2	-	0.0	-	-
133.0	65.0	16.4	-	0.0	-	-	-	0.0	-	-	-	-
137.0	20.0	53.1	-	-	135.3	-	670.5	-	-	22.0	-	-
137.0	21.0	361.0	-	-	77.9	-	1692.8	-	-	9.6	-	-
137.0	22.0	197.3	-	-	167.4	-	180.2	-	-	13.0	-	-
137.0	23.0	888.5	-	-	228.3	-	131.8	-	-	0.0	-	-
137.0	30.0	21.1	-	-	0.0	-	-	-	-	0.0	-	-
137.0	35.0	47.4	-	-	36.8	-	0.0	-	-	0.0	-	-
137.0	40.0	0.0	-	3.1	-	-	0.0	-	-	3.2	-	-
137.0	50.0	0.0	-	0.0	-	-	10.6	-	-	0.0	-	-
137.0	55.0	0.0	-	0.0	-	-	2.8	-	-	0.0	-	-
137.0	60.0	0.0	-	0.0	-	-	5.5	-	-	0.0	-	-
140.0	28.8	27.8	-	-	-	-	-	-	-	-	-	-
140.0	29.0	-	-	-	-	-	5.8	-	-	-	-	-
140.0	30.0	267.8	-	-	-	-	4.8	-	-	-	-	-
140.0	40.0	2.5	-	-	-	-	0.0	-	-	-	-	-

Argentina sialis

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
76.2	49.8	-	-	-	-	-	-	-	-	-	-	-
76.2	54.6	-	-	-	-	-	-	-	-	-	-	-
77.0	52.9	3.0	-	-	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

Argentina sialis (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	51.0	0.0	-	1.9	-	0.0	-	-	-	0.0	-	-
80.0	52.0	5.3	-	0.0	-	-	-	-	-	0.0	-	-
80.0	53.0	3.0	-	-	-	0.0	-	-	-	-	-	-
80.0	60.0	3.0	-	0.0	-	0.0	-	-	-	0.0	-	-
80.8	51.0	2.8	-	-	-	-	-	-	-	-	-	-
82.0	47.0	6.7	-	0.0	-	-	0.0	-	-	-	-	-
83.0	42.0	2.1	-	-	-	-	-	-	-	-	-	-
83.0	52.9	2.5	-	-	-	-	-	-	-	-	-	-
87.0	55.0	-	-	-	-	-	-	-	-	-	-	-
93.0	27.0	0.0	-	2.9	-	-	0.0	-	-	0.0	-	-
93.0	27.0	0.0	-	2.8	-	-	0.0	-	-	0.0	-	-
100.0	30.0	0.0	-	0.0	-	-	0.0	-	-	5.7	-	-
100.0	45.0	6.2	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0	35.0	0.0	-	0.0	-	-	0.0	-	-	2.8	-	-
110.0	60.0	0.0	-	0.0	-	-	3.1	-	-	0.0	-	-
113.0	30.0	0.0	-	0.0	-	-	3.0	-	-	0.0	-	-
113.0	35.0	0.0	-	0.0	-	-	6.5	-	-	23.1	-	-
117.0	26.0	0.0	-	0.0	-	-	8.5	-	-	0.0	-	-
117.0	30.0	0.0	-	4.0	-	-	2.9	-	-	10.9	-	-
117.0	35.0	0.0	-	3.1	-	-	0.0	-	-	12.7	-	-
117.0	40.0	0.0	-	0.0	-	-	0.0	-	-	3.2	-	-
117.0	45.0	0.0	-	0.0	-	-	0.0	-	-	13.4	-	-
118.0	39.0	0.0	-	14.9	-	-	0.0	-	-	21.9	-	-
120.0	45.0	0.0	-	0.0	-	-	0.0	-	-	5.7	-	-
120.0	50.0	0.0	-	3.3	-	-	0.0	-	-	0.0	-	-
123.0	37.0	0.0	-	2.9	-	-	0.0	-	-	0.0	-	-
123.0	50.0	0.0	-	0.0	-	-	3.1	-	-	0.0	-	-
127.0	40.0	5.6	-	0.0	-	-	-	0.0	-	0.0	-	-
127.0	70.0	3.1	-	0.0	-	-	-	0.0	-	-	-	-
130.0	50.0	0.0	-	3.4	-	-	0.0	0.0	-	0.0	-	-

Microstoma microstoma

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0	53.0	-	-	3.2	-	0.0	-	-	-	-	-	-
80.0	70.0	0.0	-	2.9	-	3.3	-	-	-	0.0	-	-
80.0	80.0	0.0	-	0.0	-	2.5	-	-	-	0.0	-	-
80.0	100.0	3.1	-	-	-	3.0	-	-	-	-	-	-
82.2	57.2	-	-	-	-	-	-	-	-	-	-	-
83.0	80.0	0.0	-	0.0	-	-	3.2	-	-	0.0	-	-
87.0	60.0	0.0	-	0.0	-	-	3.7	-	-	0.0	-	-
87.0	80.0	0.0	-	0.0	-	-	6.0	-	-	0.0	-	-
90.0	65.0	2.7	-	0.0	-	-	0.0	-	-	0.0	-	-
90.0	70.0	0.0	-	0.0	-	-	0.0	-	-	5.9	-	-
90.0	80.0	0.0	-	2.8	-	-	0.0	-	-	0.0	-	-
90.0	200.0	2.5	-	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Microstoma microstoma (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	65.0	-	-	2.9	-	-	3.1	-	-	0.0	-	-
93.0	80.0	3.2	-	0.0	-	-	-	-	-	0.0	-	-
93.0	90.0	0.0	-	2.7	-	-	-	-	-	0.0	-	-
97.0	45.0	0.0	-	0.0	-	-	3.1	-	-	0.0	-	-
97.0	55.0	0.0	-	2.9	-	-	0.0	-	-	0.0	-	-
100.0	50.0	0.0	-	0.0	-	-	0.0	-	-	3.0	-	-
100.0	55.0	0.0	-	0.0	-	-	4.1	-	-	0.0	-	-
100.0	70.0	0.0	-	0.0	-	-	0.0	-	-	3.1	-	-
103.0	50.0	0.0	-	3.1	-	-	0.0	-	-	0.0	-	-
107.0	32.0	3.3	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0	40.0	0.0	-	3.4	-	-	0.0	-	-	0.0	-	-
107.0	45.0	0.0	-	3.1	-	-	0.0	-	-	0.0	-	-
107.0	55.0	0.0	-	3.1	-	-	0.0	-	-	0.0	-	-
107.0	65.0	6.2	-	0.0	-	-	0.0	-	-	0.0	-	-
123.0	60.0	0.0	-	3.3	-	-	0.0	-	-	0.0	-	-
127.0	50.0	0.0	-	3.2	-	-	-	0.0	-	0.0	-	-

Nansenia candida

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0	60.0	-	-	3.3	-	0.0	-	-	-	-	-	-
67.0	70.0	-	-	3.2	-	-	-	-	-	-	-	-
83.0	60.0	0.0	-	0.0	-	3.0	0.0	-	-	0.0	-	-
83.0	80.0	-	-	3.0	-	-	0.0	-	-	0.0	-	-
85.0	55.0	-	-	-	-	2.6	-	-	-	-	-	-
87.0	80.0	0.0	-	2.8	-	-	0.0	-	-	0.0	-	-
90.0	80.0	-	-	2.8	-	-	0.0	-	-	0.0	-	-

Nansenia crassa

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
103.0	65.0	-	-	0.0	-	-	2.9	-	-	0.0	-	-
107.0	70.0	0.0	-	2.9	-	-	0.0	-	-	0.0	-	-
107.0	80.0	3.1	-	0.0	-	-	0.0	-	-	0.0	-	-
110.0	32.0	0.0	-	0.0	-	-	2.2	-	-	0.0	-	-
110.0	45.0	2.6	-	0.0	-	-	0.0	-	-	3.1	-	-
110.0	60.0	2.9	-	0.0	-	-	0.0	-	-	0.0	-	-
113.0	45.0	0.0	-	3.1	-	-	-	-	-	0.0	-	-
113.0	60.0	0.0	-	0.0	-	-	0.0	-	-	2.8	-	-
113.0	65.0	0.0	-	3.3	-	-	-	-	-	0.0	-	-
120.0	55.0	0.0	-	0.0	-	-	0.0	-	-	2.9	-	-
123.0	50.0	0.0	-	3.4	-	-	0.0	-	-	0.0	-	-
123.0	60.0	3.0	-	0.0	-	-	0.0	-	-	0.0	-	-
127.0	45.0	-	-	0.0	-	-	-	0.0	-	0.0	-	-

TABLE 4. (cont.)

Nansenia crassa (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
127.0	50.0	-	-	0.0	-	-	-	0.0	-	0.0	-	-
127.0	60.0	-	-	3.0	-	-	-	0.0	-	0.0	-	-
127.0	65.0	-	-	3.1	-	-	-	0.0	-	-	-	-
130.0	40.0	-	-	3.3	-	-	0.0	-	-	0.0	-	-
130.0	55.0	-	-	3.3	-	-	0.0	-	-	0.0	-	-
130.0	90.0	-	-	-	-	-	0.0	-	-	-	-	-
133.0	35.0	-	-	0.0	-	-	-	0.0	-	0.0	-	-
133.0	40.0	-	-	0.0	-	-	-	0.0	-	0.0	-	-
133.0	45.0	-	-	0.0	-	-	-	0.0	-	0.0	-	-
133.0	50.0	-	-	0.0	-	-	-	0.0	-	0.0	-	-
133.0	55.0	-	-	0.0	-	-	-	0.0	-	0.0	-	-
133.0	70.0	-	-	0.0	-	-	-	0.0	-	-	-	-
137.0	35.0	-	-	0.0	-	-	5.4	-	-	0.0	-	-
137.0	40.0	-	-	0.0	-	-	0.0	-	-	6.4	-	-
137.0	45.0	-	-	3.0	-	-	0.0	-	-	0.0	-	-
137.0	50.0	-	-	0.0	-	-	0.0	-	-	6.2	-	-
137.0	60.0	-	-	0.0	-	-	2.8	-	-	0.0	-	-

Bathylagus spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	200.0	-	-	-	-	-	-	-	-	-	-	-

Bathylagus milleri

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	60.0	0.0	-	3.0	-	0.0	-	-	-	-	-	-
80.0	63.3	2.8	-	-	-	-	-	-	-	-	-	-
83.0	65.0	-	-	0.0	-	0.0	0.0	-	-	0.0	-	-

Bathylagus ochotensis

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	55.0	-	-	25.7	-	-	0.0	-	-	-	-	-
60.0	60.0	21.9	-	20.9	-	-	13.9	-	-	-	-	-
60.0	65.0	-	-	28.6	-	-	-	-	-	-	-	-
60.0	70.0	5.3	-	15.1	-	-	0.0	-	-	-	-	-
60.0	80.0	-	-	19.4	-	-	6.0	-	-	-	-	-
60.0	100.0	-	-	-	-	-	2.9	-	-	-	-	-
63.0	55.0	2.7	-	6.5	-	-	-	-	-	-	-	-
63.0	60.0	40.4	-	8.9	-	0.0	-	-	-	-	-	-
63.0	65.0	-	-	34.8	-	-	-	-	-	-	-	-
63.0	70.0	-	-	15.0	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

Bathylagus ochotensis (cont.)												
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0	49.0	0.0	-	1.6	-	0.0	-	-	-	-	-	-
67.0	50.0	0.0	-	0.0	-	3.9	-	-	-	-	-	-
67.0	55.0	5.6	-	10.9	-	3.0	-	-	-	-	-	-
67.0	60.0	5.5	-	16.4	-	2.7	-	-	-	-	-	-
67.0	65.0	-	-	31.1	-	-	-	-	-	-	-	-
67.0	70.0	-	-	6.4	-	-	-	-	-	-	-	-
67.0	80.0	-	-	3.5	-	-	-	-	-	-	-	-
70.0	50.0	0.0	-	11.3	-	0.0	-	-	-	-	-	-
70.0	51.0	11.1	-	26.9	-	0.0	-	-	-	-	-	-
70.0	52.0	0.0	-	6.0	-	0.0	-	-	-	-	-	-
70.0	53.0	11.0	-	9.1	-	0.0	-	-	-	-	-	-
70.0	60.0	0.0	-	7.4	-	0.0	-	-	-	-	-	-
70.0	65.0	-	-	17.4	-	-	-	-	-	-	-	-
70.0	70.0	-	-	33.2	-	5.6	-	-	-	-	-	-
70.0	80.0	9.1	-	0.0	-	12.2	-	-	-	-	-	-
70.0	90.0	2.6	-	-	-	0.0	-	-	-	-	-	-
73.0	49.4	0.0	-	0.4	-	0.0	-	-	-	-	-	-
73.0	50.0	0.0	-	4.0	-	0.0	-	-	-	-	-	-
73.0	51.0	0.0	-	3.5	-	0.0	-	-	-	-	-	-
73.0	53.0	2.8	-	6.4	-	0.0	-	-	-	-	-	-
73.0	60.0	2.5	-	15.5	-	2.4	-	-	-	-	-	-
73.0	65.0	-	-	3.0	-	-	-	-	-	-	-	-
73.0	70.0	-	-	53.2	-	-	-	-	-	-	-	-
76.2	52.2	3.9	-	-	-	2.8	-	-	-	-	-	-
76.2	55.5	-	-	-	-	-	-	-	-	-	-	-
76.2	57.0	7.0	-	-	-	-	-	-	-	-	-	-
76.2	60.0	4.3	-	-	-	0.0	-	-	-	-	-	-
76.2	63.3	24.6	-	-	-	-	-	-	-	-	-	-
76.2	66.7	2.1	-	-	-	-	-	-	-	-	-	-
76.2	70.0	10.7	-	-	-	2.8	-	-	-	-	-	-
77.0	49.0	0.0	-	2.1	-	0.0	-	-	-	-	-	-
77.0	51.0	0.0	-	2.9	-	2.7	-	-	-	-	-	-
77.0	53.0	-	-	-	-	3.0	-	-	-	-	-	-
77.0	55.0	5.8	-	10.1	-	0.0	-	-	-	-	-	-
77.0	57.0	-	-	3.2	-	-	-	-	-	-	-	-
77.0	57.6	2.8	-	-	-	-	-	-	-	-	-	-
77.0	60.0	0.0	-	5.8	-	0.0	-	-	-	-	-	-
77.0	63.3	11.8	-	-	-	-	-	-	-	-	-	-
77.0	66.7	5.9	-	-	-	-	-	-	-	-	-	-
77.0	70.0	13.8	-	9.5	-	0.0	-	-	-	-	-	-
77.8	80.0	-	-	3.1	-	-	-	-	-	-	-	-
77.8	54.0	5.7	-	-	-	-	-	-	-	-	-	-
77.8	57.0	2.8	-	-	-	-	-	-	-	-	-	-
77.8	60.0	8.1	-	-	-	2.8	-	-	-	-	-	-
77.8	63.3	2.8	-	-	-	-	-	-	-	-	-	-
77.8	65.0	-	-	-	-	2.8	-	-	-	-	-	-

TABLE 4. (cont.)

Bathylagus ochotensis (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.8	66.7	2.8	-	-	-	-	-	-	-	-	-	-
77.8	70.0	2.7	-	-	-	5.8	-	-	-	-	-	-
78.5	52.5	3.0	-	-	-	3.0	-	-	-	-	-	-
78.5	55.0	-	-	-	-	-	-	-	-	-	-	-
78.5	63.3	5.8	-	-	-	-	-	-	-	-	-	-
78.5	66.7	2.8	-	-	-	-	-	-	-	-	-	-
78.5	70.0	11.0	-	-	-	0.0	-	-	-	-	-	-
79.2	53.0	-	-	-	-	3.3	-	-	-	-	-	-
79.2	60.0	-	-	-	-	0.0	-	-	-	-	-	-
79.2	63.3	2.9	-	-	-	-	-	-	-	-	-	-
79.2	66.7	2.9	-	-	-	-	-	-	-	-	-	-
79.2	70.0	14.6	-	-	-	0.0	-	-	-	-	-	-
80.0	55.0	0.0	-	16.2	-	0.0	-	-	-	0.0	-	-
80.0	60.0	6.0	-	0.0	-	0.0	-	-	-	0.0	-	-
80.0	63.3	14.1	-	-	-	-	-	-	-	-	-	-
80.0	65.0	-	-	15.8	-	0.0	-	-	-	-	-	-
80.0	70.0	0.0	-	8.6	-	3.3	-	-	-	0.0	-	-
80.0	74.0	2.6	-	-	-	-	-	-	-	-	-	-
80.0	80.0	0.0	-	26.6	-	0.0	-	-	-	0.0	-	-
80.8	63.3	3.2	-	-	-	-	-	-	-	-	-	-
80.8	70.0	6.7	-	-	-	0.0	-	-	-	-	-	-
81.5	50.4	9.9	-	-	-	-	-	-	-	-	-	-
82.0	47.0	0.0	-	19.9	-	-	0.0	-	-	0.0	-	-
82.2	43.5	3.0	-	-	-	0.0	-	-	-	-	-	-
82.2	53.5	-	-	-	-	2.8	-	-	-	-	-	-
82.2	57.2	12.3	-	-	-	0.0	-	-	-	-	-	-
82.2	60.0	8.3	-	-	-	-	-	-	-	-	-	-
82.2	66.7	8.1	-	-	-	-	-	-	-	-	-	-
83.0	42.0	2.1	-	-	-	-	-	-	-	-	-	-
83.0	55.0	2.7	-	0.0	-	3.1	0.0	-	-	0.0	-	-
83.0	60.0	3.2	-	3.2	-	0.0	0.0	-	-	0.0	-	-
83.0	63.3	5.0	-	-	-	-	-	-	-	-	-	-
83.0	65.0	-	-	21.3	-	0.0	0.0	-	-	0.0	-	-
83.0	70.0	11.7	-	24.8	-	-	0.0	-	-	0.0	-	-
83.0	80.0	5.3	-	3.0	-	-	0.0	-	-	0.0	-	-
83.0	90.0	5.3	-	-	-	-	0.0	-	-	0.0	-	-
87.0	45.0	9.5	-	0.0	-	-	0.0	-	-	0.0	-	-
87.0	70.0	2.9	-	0.0	-	-	3.0	-	-	0.0	-	-
87.0	80.0	5.4	-	5.5	-	-	0.0	-	-	0.0	-	-
87.0	90.0	0.0	-	9.4	-	-	0.0	-	-	0.0	-	-
90.0	28.0	2.5	-	0.0	-	-	0.0	-	-	0.0	-	-
90.0	32.0	5.4	-	0.0	-	-	0.0	-	-	0.0	-	-
90.0	37.0	2.5	-	0.0	-	-	0.0	-	-	0.0	-	-
90.0	45.0	0.0	-	0.0	-	-	0.0	-	-	0.0	-	-
90.0	60.0	2.4	-	14.8	-	-	0.0	-	-	0.0	-	-
90.0	65.0	0.0	-	8.6	-	-	0.0	-	-	0.0	-	-

TABLE 4. (cont.)

Bathylagus ochotensis (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	70.0	0.0	-	36.0	-	-	0.0	-	-	0.0	-	-
90.0	80.0	0.0	-	11.0	-	-	0.0	-	-	0.0	-	-
90.0	90.0	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
93.0	28.0	3.4	-	2.8	-	-	0.0	-	-	0.0	-	-
93.0	30.0	24.4	-	0.0	-	-	0.0	-	-	0.0	-	-
93.0	35.0	7.5	-	8.1	-	-	0.0	-	-	0.0	-	-
93.0	40.0	0.0	-	2.9	-	-	0.0	-	-	0.0	-	-
93.0	45.0	3.4	-	2.9	-	-	0.0	-	-	0.0	-	-
93.0	50.0	0.0	-	8.1	-	-	0.0	-	-	0.0	-	-
93.0	55.0	6.7	-	11.1	-	-	0.0	-	-	0.0	-	-
93.0	60.0	22.2	-	9.4	-	-	0.0	-	-	0.0	-	-
93.0	65.0	3.0	-	0.0	-	-	0.0	-	-	0.0	-	-
93.0	70.0	9.5	-	0.0	-	-	0.0	-	-	0.0	-	-
93.0	80.0	60.0	-	20.6	-	-	-	-	-	0.0	-	-
93.0	90.0	6.0	-	0.0	-	-	-	-	-	0.0	-	-
93.0	100.0	0.0	-	11.6	-	-	-	-	-	0.0	-	-
97.0	32.0	3.1	-	0.0	-	-	0.0	-	-	0.0	-	-
97.0	35.0	3.3	-	0.0	-	-	0.0	-	-	0.0	-	-
97.0	40.0	12.8	-	2.6	-	-	0.0	-	-	0.0	-	-
97.0	45.0	3.1	-	0.0	-	-	0.0	-	-	0.0	-	-
97.0	50.0	0.0	-	2.9	-	-	-	-	-	0.0	-	-
97.0	55.0	6.2	-	17.5	-	-	0.0	-	-	0.0	-	-
97.0	60.0	5.9	-	22.5	-	-	0.0	-	-	0.0	-	-
97.0	65.0	11.4	-	20.2	-	-	0.0	-	-	0.0	-	-
97.0	70.0	16.0	-	8.4	-	-	0.0	-	-	0.0	-	-
97.0	80.0	16.3	-	16.5	-	-	-	-	-	0.0	-	-
97.0	90.0	0.0	-	16.3	-	-	-	-	-	0.0	-	-
100.0	45.0	0.0	-	15.8	-	-	0.0	-	-	0.0	-	-
100.0	50.0	3.0	-	3.0	-	-	0.0	-	-	0.0	-	-
100.0	55.0	14.1	-	0.0	-	-	0.0	-	-	0.0	-	-
100.0	60.0	0.0	-	11.9	-	-	0.0	-	-	0.0	-	-
100.0	70.0	2.7	-	0.0	-	-	0.0	-	-	0.0	-	-
103.0	40.0	3.0	-	9.3	-	-	0.0	-	-	0.0	-	-
103.0	45.0	0.0	-	9.3	-	-	-	-	-	0.0	-	-
103.0	50.0	3.0	-	6.2	-	-	0.0	-	-	0.0	-	-
103.0	55.0	0.0	-	6.2	-	-	0.0	-	-	0.0	-	-
107.0	32.0	6.5	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0	35.0	0.0	-	6.0	-	-	0.0	-	-	0.0	-	-
107.0	40.0	0.0	-	6.3	-	-	0.0	-	-	0.0	-	-
107.0	45.0	2.6	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0	50.0	0.0	-	3.1	-	-	0.0	-	-	0.0	-	-
110.0	55.0	0.0	-	3.4	-	-	0.0	-	-	0.0	-	-
113.0	50.0	0.0	-	3.2	-	-	0.0	-	-	0.0	-	-
113.0	55.0	0.0	-	3.3	-	-	0.0	-	-	0.0	-	-
117.0	45.0	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-

TABLE 4. (cont.)

Bathylagus pacificus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	60.0	0.0	-	3.0	-	-	0.0	-	-	-	-	-
63.0	55.0	2.7	-	0.0	-	-	-	-	-	-	-	-
63.0	60.0	0.0	-	3.0	-	0.0	-	-	-	-	-	-
63.0	80.0	-	-	3.3	-	-	-	-	-	-	-	-
67.0	60.0	0.0	-	3.3	-	0.0	-	-	-	-	-	-
67.0	70.0	-	-	6.4	-	-	-	-	-	-	-	-
70.0	51.0	5.6	-	3.8	-	0.0	-	-	-	-	-	-
70.0	52.0	2.8	-	6.0	-	0.0	-	-	-	-	-	-
70.0	53.0	2.7	-	6.1	-	0.0	-	-	-	-	-	-
70.0	60.0	0.0	-	7.4	-	0.0	-	-	-	-	-	-
70.0	70.0	0.0	-	8.3	-	0.0	-	-	-	-	-	-
73.0	53.0	2.8	-	0.0	-	0.0	-	-	-	-	-	-
73.0	65.0	-	-	0.0	-	-	-	-	-	-	-	-
73.0	70.0	-	-	3.1	-	-	-	-	-	-	-	-
76.2	54.5	-	-	-	-	-	-	-	-	-	-	-
76.2	55.5	-	-	-	-	2.8	-	-	-	-	-	-
76.2	57.0	-	-	-	-	-	-	-	-	-	-	-
76.2	66.7	2.1	-	-	-	-	-	-	-	-	-	-
76.2	70.0	5.4	-	-	-	0.0	-	-	-	-	-	-
77.0	51.0	0.0	-	2.9	-	0.0	-	-	-	-	-	-
77.0	52.9	-	-	-	-	-	-	-	-	-	-	-
77.0	63.3	3.0	-	-	-	-	-	-	-	-	-	-
77.0	70.0	2.8	-	0.0	-	0.0	-	-	-	-	-	-
77.8	57.0	5.7	-	-	-	-	-	-	-	-	-	-
77.8	60.0	2.7	-	-	-	0.0	-	-	-	-	-	-
77.8	66.7	2.8	-	-	-	-	-	-	-	-	-	-
78.5	60.0	5.6	-	-	-	0.0	-	-	-	-	-	-
80.0	60.0	3.0	-	0.0	-	0.0	-	-	0.0	-	-	-
80.8	63.3	6.4	-	-	-	-	-	-	-	-	-	-
80.8	70.0	3.3	-	-	-	0.0	-	-	-	-	-	-
81.5	63.3	3.2	-	-	-	-	-	-	-	-	-	-
82.2	66.7	2.7	-	-	-	-	-	-	-	-	-	-
87.0	80.0	-	-	2.8	-	-	0.0	-	-	0.0	-	-
93.0	55.0	3.4	-	0.0	-	-	0.0	-	-	0.0	-	-
100.0	50.0	3.3	-	0.0	-	-	0.0	-	-	0.0	-	-

Bathylagus wesethi

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	120.0	-	-	-	-	-	2.9	-	-	-	-	-
60.0	160.0	-	-	-	-	-	8.4	-	-	-	-	-
60.0	190.0	-	-	-	-	-	2.5	-	-	-	-	-
63.0	51.0	0.0	-	2.3	-	0.0	-	-	-	-	-	-
70.0	60.0	0.0	-	0.0	-	3.6	-	-	-	-	-	-
77.0	70.0	0.0	-	6.3	-	0.0	-	-	-	-	-	-

TABLE 4. (cont.)

Bathylagus wesethi (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	60.0	0.0	-	0.0	-	3.0	-	-	-	0.0	-	-
80.0	80.0	0.0	-	0.0	-	0.0	-	-	-	3.1	-	-
80.0	80.0	0.0	-	-	-	5.6	-	-	-	27.6	-	-
80.0	100.0	0.0	-	-	-	14.9	-	-	-	-	-	-
80.8	65.0	-	-	-	-	3.3	-	-	-	-	-	-
83.0	55.0	0.0	-	3.0	-	0.0	0.0	-	-	0.0	-	-
83.0	70.0	0.0	-	0.0	-	-	10.1	-	-	0.0	-	-
83.0	80.0	0.0	-	3.0	-	-	6.4	-	-	3.3	-	-
83.0	90.0	0.0	-	-	-	-	3.2	-	-	11.9	-	-
87.0	65.0	0.0	-	0.0	-	-	0.0	-	-	3.3	-	-
87.0	80.0	0.0	-	5.5	-	-	9.0	-	-	34.7	-	-
87.0	90.0	0.0	-	43.8	-	-	3.1	-	-	14.9	-	-
87.0	100.0	0.0	-	5.8	-	-	-	-	-	-	-	-
90.0	28.0	0.0	-	3.1	-	-	0.0	-	-	0.0	-	-
90.0	65.0	0.0	-	2.9	-	-	3.0	-	-	0.0	-	-
90.0	70.0	0.0	-	12.0	-	-	21.7	-	-	8.9	-	-
90.0	80.0	0.0	-	2.8	-	-	0.0	-	-	11.5	-	-
90.0	90.0	2.7	-	6.1	-	-	3.3	-	-	0.0	-	-
90.0	100.0	0.0	-	14.5	-	-	24.0	-	-	2.9	-	-
90.0	120.0	0.0	-	-	-	-	11.9	-	-	-	-	-
90.0	140.0	0.0	-	-	-	-	5.5	-	-	-	-	-
90.0	160.0	0.0	-	-	-	-	19.5	-	-	-	-	-
93.0	55.0	0.0	-	-	-	-	0.0	-	-	0.0	-	-
93.0	65.0	0.0	-	2.8	-	-	0.0	-	-	0.0	-	-
93.0	70.0	0.0	-	5.0	-	-	0.0	-	-	0.0	-	-
93.0	80.0	0.0	-	3.0	-	-	-	-	-	2.9	-	-
93.0	90.0	0.0	-	48.1	-	-	-	-	-	0.0	-	-
93.0	100.0	0.0	-	20.3	-	-	-	-	-	5.6	-	-
97.0	55.0	0.0	-	0.0	-	-	3.4	-	-	0.0	-	-
97.0	60.0	0.0	-	45.0	-	-	6.6	-	-	0.0	-	-
97.0	65.0	0.0	-	20.2	-	-	6.3	-	-	0.0	-	-
97.0	70.0	0.0	-	16.9	-	-	9.5	-	-	0.0	-	-
97.0	80.0	0.0	-	11.0	-	-	-	-	-	5.8	-	-
97.0	90.0	0.0	-	13.6	-	-	-	-	-	17.8	-	-
97.0	100.0	-	-	22.8	-	-	-	-	-	-	-	-
100.0	45.0	0.0	-	0.0	-	-	0.0	-	-	5.3	-	-
100.0	50.0	0.0	-	0.0	-	-	5.0	-	-	6.0	-	-
100.0	55.0	0.0	-	0.0	-	-	6.2	-	-	0.0	-	-
100.0	60.0	0.0	-	11.9	-	-	15.8	-	-	24.4	-	-
100.0	65.0	0.0	-	8.7	-	-	6.8	-	-	12.1	-	-
100.0	70.0	5.4	-	35.4	-	-	0.0	-	-	3.1	-	-
100.0	80.0	2.6	-	57.8	-	-	20.9	-	-	0.0	-	-
100.0	90.0	0.0	-	47.0	-	-	20.8	-	-	38.4	-	-
100.0	100.0	12.9	-	-	-	-	-	-	-	-	-	-
103.0	35.0	0.0	-	0.0	-	-	5.7	-	-	0.0	-	-
103.0	40.0	0.0	-	3.1	-	-	0.0	-	-	0.0	-	-

TABLE 4. (cont.)

Bathylagus wesethi (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
103.0	45.0	3.0	-	0.0	-	-	-	-	-	0.0	-	-
103.0	50.0	0.0	-	0.0	-	-	3.1	-	-	0.0	-	-
103.0	55.0	0.0	-	37.1	-	-	0.0	-	-	47.1	-	-
103.0	60.0	0.0	-	43.0	-	-	9.1	-	-	121.6	-	-
103.0	65.0	3.1	-	36.0	-	-	11.6	-	-	16.0	-	-
103.0	70.0	2.8	-	28.9	-	-	23.6	-	-	0.0	-	-
103.0	80.0	12.1	-	12.9	-	-	3.1	-	-	3.2	-	-
103.0	90.0	6.2	-	12.2	-	-	2.7	-	-	0.0	-	-
107.0	40.0	0.0	-	0.0	-	-	5.9	-	-	0.0	-	-
107.0	45.0	0.0	-	18.8	-	-	42.6	-	-	0.0	-	-
107.0	50.0	0.0	-	0.0	-	-	18.0	-	-	3.0	-	-
107.0	55.0	0.0	-	28.2	-	-	14.0	-	-	0.0	-	-
107.0	60.0	0.0	-	6.6	-	-	27.4	-	-	0.0	-	-
107.0	65.0	12.5	-	6.5	-	-	3.0	-	-	0.0	-	-
107.0	70.0	11.4	-	14.7	-	-	5.8	-	-	3.0	-	-
107.0	80.0	6.1	-	6.5	-	-	2.8	-	-	40.2	-	-
107.0	90.0	3.0	-	18.1	-	-	15.1	-	-	70.4	-	-
110.0	32.0	0.0	-	0.0	-	-	4.3	-	-	0.0	-	-
110.0	35.0	0.0	-	0.0	-	-	6.7	-	-	0.0	-	-
110.0	40.0	0.0	-	0.0	-	-	65.2	-	-	3.0	-	-
110.0	45.0	0.0	-	3.3	-	-	56.3	-	-	25.1	-	-
110.0	50.0	0.0	-	10.1	-	-	15.0	-	-	3.2	-	-
110.0	55.0	0.0	-	0.0	-	-	7.8	-	-	12.4	-	-
110.0	60.0	2.9	-	9.2	-	-	3.1	-	-	0.0	-	-
110.0	65.0	0.0	-	3.0	-	-	5.3	-	-	14.9	-	-
110.0	70.0	0.0	-	0.0	-	-	59.0	-	-	3.1	-	-
110.0	80.0	0.0	-	3.3	-	-	0.0	-	-	41.5	-	-
110.0	100.0	6.1	-	-	-	-	-	-	-	-	-	-
113.0	40.0	0.0	-	0.0	-	-	8.8	-	-	11.1	-	-
113.0	45.0	0.0	-	6.2	-	-	-	-	-	0.0	-	-
113.0	50.0	0.0	-	16.1	-	-	9.0	-	-	0.0	-	-
113.0	55.0	0.0	-	9.8	-	-	0.0	-	-	5.9	-	-
113.0	60.0	0.0	-	6.7	-	-	3.0	-	-	2.8	-	-
113.0	65.0	3.0	-	0.0	-	-	-	-	-	0.0	-	-
113.0	70.0	8.6	-	0.0	-	-	0.0	-	-	0.0	-	-
113.0	80.0	12.1	-	3.1	-	-	0.0	-	-	0.0	-	-
113.0	90.0	0.0	-	0.0	-	-	5.8	-	-	-	-	-
117.0	30.0	0.0	-	0.0	-	-	0.0	-	-	2.7	-	-
117.0	35.0	0.0	-	0.0	-	-	9.2	-	-	6.3	-	-
117.0	40.0	0.0	-	3.0	-	-	0.0	-	-	3.2	-	-
117.0	45.0	0.0	-	0.0	-	-	3.2	-	-	3.3	-	-
117.0	50.0	2.9	-	29.4	-	-	6.2	-	-	11.5	-	-
117.0	55.0	0.0	-	16.0	-	-	0.0	-	-	0.0	-	-
117.0	60.0	2.9	-	0.0	-	-	0.0	-	-	0.0	-	-
117.0	65.0	5.8	-	6.3	-	-	0.0	-	-	11.2	-	-
117.0	70.0	12.1	-	0.0	-	-	0.0	-	-	33.5	-	-

TABLE 4. (cont.)

Bathylagus wesethi (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	80.0	0.0	-	0.0	-	-	6.1	-	-	0.0	-	-
117.0	90.0	0.0	-	3.2	-	-	0.0	-	-	-	-	-
117.0	39.0	0.0	-	3.0	-	-	0.0	-	-	3.1	-	-
118.0	45.0	0.0	-	0.0	-	-	8.7	-	-	2.8	-	-
120.0	50.0	0.0	-	0.0	-	-	15.3	-	-	55.5	-	-
120.0	55.0	0.0	-	0.0	-	-	2.9	-	-	37.8	-	-
120.0	60.0	0.0	-	6.7	-	-	35.8	-	-	11.6	-	-
120.0	65.0	0.0	-	9.5	-	-	5.2	-	-	11.4	-	-
120.0	70.0	0.0	-	12.5	-	-	32.9	-	-	0.0	-	-
120.0	80.0	0.0	-	3.1	-	-	8.0	-	-	-	-	-
120.0	90.0	0.0	-	-	-	-	2.5	-	-	-	-	-
123.0	42.0	0.0	-	0.0	-	-	6.7	-	-	0.0	-	-
123.0	45.0	0.0	-	0.0	-	-	6.4	-	-	0.0	-	-
123.0	55.0	0.0	-	0.0	-	-	6.5	-	-	2.9	-	-
123.0	60.0	0.0	-	0.0	-	-	0.0	-	-	6.1	-	-
123.0	65.0	0.0	-	0.0	-	-	0.0	-	-	0.0	-	-
123.0	70.0	0.0	-	0.0	-	-	3.1	-	-	0.0	-	-
123.0	80.0	0.0	-	0.0	-	-	6.2	-	-	0.0	-	-
127.0	45.0	0.0	-	0.0	-	-	3.2	-	-	-	-	-
127.0	50.0	0.0	-	38.2	-	-	-	0.0	-	61.2	-	-
127.0	55.0	0.0	-	9.3	-	-	-	0.0	-	2.7	-	-
127.0	60.0	0.0	-	12.0	-	-	-	0.0	-	5.8	-	-
127.0	65.0	0.0	-	3.1	-	-	-	0.0	-	0.0	-	-
127.0	70.0	0.0	-	5.9	-	-	-	9.5	-	-	-	-
127.0	80.0	0.0	-	-	-	-	-	3.2	-	-	-	-
130.0	35.0	0.0	-	0.0	-	-	6.0	-	-	3.0	-	-
130.0	45.0	0.0	-	3.3	-	-	0.0	-	-	27.0	-	-
130.0	60.0	0.0	-	0.0	-	-	0.0	-	-	6.4	-	-
137.0	40.0	0.0	-	0.0	-	-	2.7	-	-	0.0	-	-
137.0	45.0	0.0	-	0.0	-	-	0.0	-	-	2.8	-	-

Leuroglossus stilbius

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	70.0	-	-	6.1	-	-	0.0	-	-	-	-	-
63.0	60.0	2.7	-	5.9	-	0.0	-	-	-	-	-	-
67.0	49.0	0.0	-	1.6	-	0.0	-	-	-	-	-	-
67.0	50.0	0.0	-	0.0	-	1.9	-	-	-	-	-	-
67.0	55.0	11.1	-	7.2	-	5.9	-	-	-	-	-	-
67.0	60.0	2.7	-	6.6	-	0.0	-	-	-	-	-	-
67.0	65.0	-	-	15.6	-	-	-	-	-	-	-	-
67.0	70.0	-	-	6.4	-	-	-	-	-	-	-	-
70.0	50.0	0.0	-	5.6	-	-	-	-	-	-	-	-
70.0	51.0	2.8	-	34.6	-	0.0	-	-	-	-	-	-
70.0	52.0	0.0	-	20.9	-	0.0	-	-	-	-	-	-

TABLE 4. (cont.)

Leuroglossus stilbius (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0	53.0	—	—	42.7	—	0.0	—	—	—	—	—	—
70.0	60.0	—	—	7.4	—	0.0	—	—	—	—	—	—
70.0	70.0	—	—	—	—	0.0	—	—	—	—	—	—
70.0	80.0	—	—	24.9	—	0.0	—	—	—	—	—	—
70.0	0.0	—	—	0.0	—	3.0	—	—	—	—	—	—
73.0	51.0	—	—	116.5	—	0.0	—	—	—	—	—	—
73.0	53.0	—	—	48.3	—	2.8	—	—	—	—	—	—
73.0	60.0	—	—	21.8	—	0.0	—	—	—	—	—	—
73.0	65.0	—	—	9.0	—	—	—	—	—	—	—	—
73.0	70.0	—	—	6.3	—	—	—	—	—	—	—	—
76.2	49.8	—	—	—	—	—	—	—	—	—	—	—
76.2	50.0	—	—	—	—	2.7	—	—	—	—	—	—
76.2	52.2	—	—	—	—	—	—	—	—	—	—	—
76.2	52.5	—	—	—	—	2.9	—	—	—	—	—	—
76.2	54.6	—	—	—	—	—	—	—	—	—	—	—
76.2	55.5	—	—	—	—	5.5	—	—	—	—	—	—
76.2	57.0	—	—	—	—	—	—	—	—	—	—	—
76.2	60.0	—	—	—	—	8.1	—	—	—	—	—	—
76.2	63.3	—	—	—	—	—	—	—	—	—	—	—
76.2	66.7	—	—	—	—	—	—	—	—	—	—	—
76.2	70.0	—	—	—	—	11.3	—	—	—	—	—	—
77.0	47.6	—	—	—	—	0.0	—	—	—	—	—	—
77.0	51.0	—	—	2.9	—	5.4	—	—	—	—	—	—
77.0	52.9	—	—	—	—	—	—	—	—	—	—	—
77.0	53.0	—	—	—	—	6.0	—	—	—	—	—	—
77.0	55.0	—	—	42.8	—	2.9	—	—	—	—	—	—
77.0	57.0	—	—	41.3	—	—	—	—	—	—	—	—
77.0	57.6	—	—	—	—	—	—	—	—	—	—	—
77.0	60.0	—	—	46.2	—	2.8	—	—	—	—	—	—
77.0	63.3	—	—	—	—	—	—	—	—	—	—	—
77.0	65.0	—	—	0.0	—	5.6	—	—	—	—	—	—
77.0	70.0	—	—	3.2	—	8.8	—	—	—	—	—	—
77.0	80.0	—	—	9.3	—	—	—	—	—	—	—	—
77.8	51.1	—	—	—	—	—	—	—	—	—	—	—
77.8	53.0	—	—	—	—	7.0	—	—	—	—	—	—
77.8	54.0	—	—	—	—	—	—	—	—	—	—	—
77.8	55.0	—	—	—	—	7.8	—	—	—	—	—	—
77.8	57.0	—	—	—	—	—	—	—	—	—	—	—
77.8	60.0	—	—	—	—	8.3	—	—	—	—	—	—
77.8	63.3	—	—	—	—	—	—	—	—	—	—	—
77.8	65.0	—	—	—	—	19.3	—	—	—	—	—	—
77.8	66.7	—	—	—	—	—	—	—	—	—	—	—
77.8	70.0	—	—	—	—	14.4	—	—	—	—	—	—
78.5	52.5	—	—	—	—	—	—	—	—	—	—	—
78.5	54.5	—	—	—	—	—	—	—	—	—	—	—
78.5	55.0	—	—	—	—	—	—	—	—	—	—	—
78.5	57.2	—	—	—	—	14.9	—	—	—	—	—	—
78.5	59.5	—	—	—	—	—	—	—	—	—	—	—

TABLE 4. (cont.)

Leuroglossus stilbius (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
78.5	57.5	-	-	-	-	15.6	-	-	-	-	-	-
78.5	60.0	22.6	-	-	-	0.0	-	-	-	-	-	-
78.5	63.3	66.7	-	-	-	-	-	-	-	-	-	-
78.5	65.0	-	-	-	-	3.0	-	-	-	-	-	-
78.5	66.7	2.8	-	-	-	0.0	-	-	-	-	-	-
78.5	70.0	8.3	-	-	-	-	-	-	-	-	-	-
79.2	52.6	17.9	-	-	-	10.0	-	-	-	-	-	-
79.2	53.0	-	-	-	-	-	-	-	-	-	-	-
79.2	54.4	15.8	-	-	-	-	-	-	-	-	-	-
79.2	57.3	21.3	-	-	-	-	-	-	-	-	-	-
79.2	60.0	11.8	-	-	-	0.0	-	-	-	-	-	-
79.2	63.3	2.9	-	-	-	-	-	-	-	-	-	-
79.2	66.7	2.9	-	-	-	0.0	-	-	-	-	-	-
79.2	70.0	5.8	-	-	-	-	-	-	-	-	-	-
79.2	74.0	3.0	-	-	-	4.2	-	-	-	-	-	-
79.2	75.0	-	-	-	-	0.0	-	-	-	-	-	-
80.0	51.0	6.0	-	7.5	-	-	-	-	0.0	-	-	-
80.0	52.0	21.1	-	6.0	-	0.0	-	-	0.0	-	-	-
80.0	53.0	20.8	-	-	-	0.0	-	-	-	-	-	-
80.0	55.0	27.7	-	177.8	-	0.0	-	-	0.0	-	-	-
80.0	57.6	65.3	-	-	-	-	-	-	-	-	-	-
80.0	60.0	21.0	-	-	-	12.1	-	-	0.0	-	-	-
80.0	63.3	8.5	-	6.3	-	-	-	-	-	-	-	-
80.0	65.0	-	-	63.2	-	19.1	-	-	0.0	-	-	-
80.0	70.0	0.0	-	11.5	-	26.3	-	-	0.0	-	-	-
80.0	75.0	-	-	-	-	14.3	-	-	-	-	-	-
80.0	80.0	0.0	-	3.0	-	0.0	-	-	0.0	-	-	-
80.8	47.7	5.7	-	-	-	-	-	-	-	-	-	-
80.8	51.0	47.4	-	-	-	-	-	-	-	-	-	-
80.8	52.0	-	-	-	-	2.8	-	-	-	-	-	-
80.8	54.0	14.2	-	-	-	-	-	-	-	-	-	-
80.8	57.0	52.2	-	-	-	-	-	-	-	-	-	-
80.8	60.0	5.2	-	-	-	7.7	-	-	-	-	-	-
80.8	63.3	12.7	-	-	-	-	-	-	-	-	-	-
80.8	66.7	3.0	-	-	-	-	-	-	-	-	-	-
80.8	70.0	3.3	-	-	-	0.0	-	-	-	-	-	-
80.9	48.0	-	-	-	-	13.3	-	-	-	-	-	-
81.5	42.2	8.9	-	-	-	3.0	-	-	-	-	-	-
81.5	45.1	19.9	-	-	-	-	-	-	-	-	-	-
81.5	47.5	-	-	-	-	2.9	-	-	-	-	-	-
81.5	48.4	12.9	-	-	-	-	-	-	-	-	-	-
81.5	50.0	-	-	-	-	6.3	-	-	-	-	-	-
81.5	50.4	39.5	-	-	-	-	-	-	-	-	-	-
81.5	55.0	17.4	-	-	-	2.8	-	-	-	-	-	-
81.5	57.0	5.7	-	-	-	-	-	-	-	-	-	-
81.5	60.0	9.3	-	-	-	0.0	-	-	-	-	-	-

TABLE 4. (cont.)

Leuroglossus stilbius (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
81.5	63.3	6.4	-	-	-	12.8	-	-	-	-	-	-
81.5	65.0	-	-	-	-	-	-	-	-	-	-	-
81.5	66.7	3.0	-	-	-	-	0.0	-	-	0.0	-	-
82.0	47.0	13.4	-	66.4	-	0.0	-	-	-	-	-	-
82.2	43.5	11.9	-	-	-	-	-	-	-	-	-	-
82.2	47.0	9.6	-	-	-	2.8	-	-	-	-	-	-
82.2	53.5	-	-	-	-	-	-	-	-	-	-	-
82.2	54.3	34.9	-	-	-	8.2	-	-	-	-	-	-
82.2	55.0	-	-	-	-	-	-	-	-	-	-	-
82.2	57.2	39.9	-	-	-	9.5	-	-	-	-	-	-
82.2	60.0	2.8	-	-	-	20.9	-	-	-	-	-	-
82.2	65.0	-	-	-	-	-	-	-	-	-	-	-
82.2	66.7	5.4	-	-	-	-	-	-	-	-	-	-
83.0	42.0	23.1	-	-	-	-	-	-	-	-	-	-
83.0	43.0	3.1	-	19.9	-	-	3.1	-	-	0.0	-	-
83.0	44.3	-	-	-	-	0.0	0.0	-	-	0.0	-	-
83.0	51.0	0.0	-	2.6	-	-	-	-	-	-	-	-
83.0	52.9	4.9	-	-	-	18.7	3.0	-	-	0.0	-	-
83.0	55.0	21.3	-	9.0	-	-	-	-	-	-	-	-
83.0	57.6	3.0	-	-	-	3.0	5.9	-	-	0.0	-	-
83.0	60.0	15.8	-	35.3	-	-	-	-	-	-	-	-
83.0	63.3	7.5	-	-	-	7.7	12.8	-	-	0.0	-	-
83.0	65.0	-	-	33.4	-	-	0.0	-	-	0.0	-	-
83.0	70.0	2.7	-	37.2	-	-	3.2	-	-	0.0	-	-
83.0	80.0	0.0	-	0.0	-	-	0.0	-	-	0.0	-	-
83.0	90.0	5.3	-	-	-	-	-	-	-	-	-	-
83.8	45.0	-	-	-	-	3.2	-	-	-	-	-	-
85.0	49.0	-	-	-	-	11.2	-	-	-	-	-	-
85.0	53.0	-	-	-	-	15.5	-	-	-	-	-	-
85.0	55.0	-	-	-	-	10.2	-	-	-	-	-	-
87.0	33.0	1.7	-	0.0	-	-	0.0	-	-	0.0	-	-
87.0	34.0	4.1	-	0.0	-	-	0.0	-	-	0.0	-	-
87.0	35.0	2.7	-	8.4	-	-	0.0	-	-	0.0	-	-
87.0	40.0	70.2	-	18.5	-	-	0.0	-	-	0.0	-	-
87.0	45.0	23.7	-	17.8	-	-	0.0	-	-	0.0	-	-
87.0	50.0	-	-	5.7	-	-	0.0	-	-	0.0	-	-
87.0	55.0	8.3	-	8.8	-	-	0.0	-	-	0.0	-	-
87.0	60.0	12.6	-	24.2	-	-	3.7	-	-	0.0	-	-
87.0	65.0	2.7	-	16.8	-	-	16.0	-	-	0.0	-	-
87.0	70.0	0.0	-	19.0	-	-	3.0	-	-	0.0	-	-
87.0	80.0	0.0	-	38.6	-	-	0.0	-	-	0.0	-	-
87.0	90.0	2.9	-	3.1	-	-	0.0	-	-	0.0	-	-
90.0	28.0	10.1	-	0.0	-	-	0.0	-	-	0.0	-	-
90.0	32.0	73.2	-	95.0	-	-	0.0	-	-	0.0	-	-
90.0	37.0	32.9	-	47.7	-	-	0.0	-	-	0.0	-	-
90.0	45.0	29.7	-	53.6	-	-	3.3	-	-	0.0	-	-

TABLE 4. (cont.)

Leuroglossus stilbius (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	53.0	10.8	-	0.0	-	-	0.0	-	-	0.0	-	-
90.0	60.0	0.0	-	227.9	-	-	2.7	-	-	0.0	-	-
90.0	65.0	0.0	-	63.1	-	-	5.9	-	-	0.0	-	-
90.0	70.0	0.0	-	201.0	-	-	9.3	-	-	0.0	-	-
90.0	80.0	2.7	-	30.4	-	-	0.0	-	-	0.0	-	-
90.0	90.0	0.0	-	3.0	-	-	3.3	-	-	0.0	-	-
93.0	27.0	28.6	-	0.0	-	-	0.0	-	-	0.0	-	-
93.0	28.0	169.5	-	135.7	-	-	0.0	-	-	0.0	-	-
93.0	30.0	201.3	-	109.2	-	-	0.0	-	-	0.0	-	-
93.0	35.0	377.0	-	224.9	-	-	0.0	-	-	0.0	-	-
93.0	40.0	118.4	-	17.3	-	-	0.0	-	-	0.0	-	-
93.0	45.0	10.3	-	400.4	-	-	0.0	-	-	0.0	-	-
93.0	50.0	29.8	-	348.3	-	-	0.0	-	-	0.0	-	-
93.0	55.0	259.5	-	116.8	-	-	0.0	-	-	0.0	-	-
93.0	60.0	66.5	-	109.6	-	-	3.4	-	-	0.0	-	-
93.0	65.0	0.0	-	14.4	-	-	0.0	-	-	0.0	-	-
93.0	70.0	9.5	-	5.0	-	-	3.3	-	-	0.0	-	-
93.0	80.0	72.7	-	41.3	-	-	-	-	-	0.0	-	-
93.0	90.0	6.0	-	8.0	-	-	-	-	-	0.0	-	-
93.0	100.0	0.0	-	5.8	-	-	-	-	-	0.0	-	-
97.0	29.0	4.7	-	0.5	-	-	0.0	-	-	0.0	-	-
97.0	30.0	41.4	-	0.0	-	-	11.6	-	-	0.0	-	-
97.0	32.0	301.4	-	8.4	-	-	3.0	-	-	0.0	-	-
97.0	35.0	3.3	-	43.4	-	-	6.1	-	-	0.0	-	-
97.0	40.0	0.0	-	50.0	-	-	0.0	-	-	0.0	-	-
97.0	45.0	9.3	-	35.9	-	-	-	-	-	0.0	-	-
97.0	50.0	0.0	-	20.2	-	-	-	-	-	0.0	-	-
97.0	55.0	0.0	-	20.4	-	-	0.0	-	-	0.0	-	-
97.0	60.0	3.0	-	59.0	-	-	0.0	-	-	0.0	-	-
97.0	65.0	14.2	-	23.0	-	-	0.0	-	-	0.0	-	-
97.0	70.0	3.2	-	2.8	-	-	0.0	-	-	0.0	-	-
97.0	80.0	9.8	-	30.3	-	-	-	-	-	0.0	-	-
97.0	90.0	0.0	-	10.8	-	-	-	-	-	0.0	-	-
100.0	29.0	21.1	-	21.1	-	-	0.0	-	-	0.0	-	-
100.0	30.0	16.6	-	215.1	-	-	-	-	-	0.0	-	-
100.0	35.0	28.6	-	6.1	-	-	27.1	-	-	0.0	-	-
100.0	40.0	3.0	-	80.6	-	-	3.0	-	-	0.0	-	-
100.0	45.0	58.9	-	391.8	-	-	21.1	-	-	0.0	-	-
100.0	50.0	20.0	-	90.3	-	-	-	-	-	0.0	-	-
100.0	55.0	2.8	-	323.4	-	-	-	-	-	0.0	-	-
100.0	60.0	2.8	-	38.6	-	-	0.0	-	-	0.0	-	-
100.0	65.0	0.0	-	5.8	-	-	0.0	-	-	0.0	-	-
100.0	80.0	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
103.0	29.0	0.0	-	4.8	-	-	0.0	-	-	0.0	-	-
103.0	30.0	0.0	-	39.9	-	-	2.3	-	-	0.0	-	-
103.0	35.0	0.0	-	79.5	-	-	5.7	-	-	0.0	-	-

TABLE 4. (cont.)

Leuroglossus stilbius (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
103.0	40.0	-	-	514.6	-	-	0.0	-	-	0.0	-	-
103.0	45.0	0.0	-	253.4	-	-	0.0	-	-	0.0	-	-
103.0	50.0	3.0	-	18.5	-	-	0.0	-	-	0.0	-	-
103.0	55.0	3.1	-	18.5	-	-	0.0	-	-	0.0	-	-
107.0	31.0	1.0	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0	32.0	0.0	-	16.1	-	-	0.0	-	-	0.0	-	-
107.0	35.0	0.0	-	105.7	-	-	0.0	-	-	0.0	-	-
107.0	40.0	0.0	-	300.8	-	-	0.0	-	-	0.0	-	-
107.0	45.0	0.0	-	21.9	-	-	0.0	-	-	0.0	-	-
107.0	50.0	0.0	-	6.1	-	-	0.0	-	-	0.0	-	-
107.0	55.0	0.0	-	6.3	-	-	0.0	-	-	0.0	-	-
110.0	32.0	0.0	-	20.4	-	-	0.0	-	-	0.0	-	-
110.0	35.0	3.4	-	109.2	-	-	0.0	-	-	0.0	-	-
110.0	40.0	0.0	-	146.1	-	-	0.0	-	-	0.0	-	-
110.0	45.0	0.0	-	13.2	-	-	0.0	-	-	0.0	-	-
110.0	50.0	0.0	-	3.4	-	-	0.0	-	-	0.0	-	-
113.0	35.0	0.0	-	12.2	-	-	0.0	-	-	0.0	-	-
113.0	40.0	0.0	-	22.5	-	-	0.0	-	-	0.0	-	-
113.0	45.0	0.0	-	18.7	-	-	0.0	-	-	0.0	-	-
113.0	60.0	0.0	-	10.0	-	-	0.0	-	-	0.0	-	-
115.0	35.0	-	97.7	-	-	-	0.0	-	-	0.0	-	-
115.0	35.0	-	-	7.7	-	-	0.0	-	-	0.0	-	-
117.0	25.0	0.0	-	27.6	-	-	0.0	-	-	0.0	-	-
117.0	30.0	0.0	-	103.0	-	-	0.0	-	-	0.0	-	-
117.0	35.0	2.7	-	48.5	-	-	0.0	-	-	0.0	-	-
117.0	40.0	43.0	-	54.9	-	-	0.0	-	-	3.3	-	-
117.0	45.0	0.0	-	6.5	-	-	0.0	-	-	0.0	-	-
117.0	50.0	0.0	-	44.7	-	-	0.0	-	-	0.0	-	-
118.0	39.0	0.0	-	24.6	-	-	0.0	-	-	0.0	-	-
120.0	45.0	0.0	-	65.2	-	-	0.0	-	-	0.0	-	-
120.0	50.0	0.0	-	28.3	-	-	0.0	-	-	0.0	-	-
120.0	55.0	0.0	-	10.1	-	-	0.0	-	-	0.0	-	-
120.0	60.0	0.0	-	0.0	-	-	0.0	-	-	0.0	-	-
120.0	65.0	3.1	-	0.0	-	-	0.0	-	-	0.0	-	-
120.0	70.0	0.0	-	29.0	-	-	0.0	-	-	0.0	-	-
123.0	37.0	0.0	-	10.1	-	-	0.0	-	-	0.0	-	-
123.0	42.0	0.0	-	0.0	-	-	3.2	-	-	0.0	-	-
123.0	45.0	0.0	-	6.6	-	-	0.0	-	-	0.0	-	-
123.0	55.0	0.0	-	3.3	-	-	0.0	-	-	0.0	-	-
123.0	60.0	0.0	-	10.3	-	-	-	0.0	-	0.0	-	-
127.0	34.0	0.0	-	35.5	-	-	-	0.0	-	0.0	-	-
127.0	40.0	2.8	-	19.4	-	-	-	0.0	-	0.0	-	-
127.0	45.0	5.9	-	14.1	-	-	-	0.0	-	0.0	-	-
127.0	50.0	14.1	-	9.5	-	-	0.0	-	-	0.0	-	-
130.0	30.0	0.0	-	12.8	-	-	0.0	-	-	0.0	-	-
130.0	35.0	0.0	-	3.4	-	-	0.0	-	-	0.0	-	-
130.0	40.0	14.3	-	0.0	-	-	0.0	-	-	0.0	-	-

TABLE 4. (cont.)

Leuroglossus stilbius (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
130.0 45.0	-	9.5	-	19.9	-	-	0.0	-	-	0.0	-	-
130.0 50.0	-	0.0	-	3.4	-	-	0.0	-	-	0.0	-	-
133.0 35.0	-	0.0	-	6.9	-	-	-	0.0	-	0.0	-	-
133.0 45.0	-	8.6	-	0.0	-	-	-	0.0	-	3.2	-	-
133.0 50.0	-	2.7	-	0.0	-	-	-	0.0	-	0.0	-	-

Stomiiformes

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 190.0	-	-	-	-	-	-	12.6	-	-	-	-	-
80.0 90.0	0.0	-	-	-	-	2.8	-	-	-	0.0	-	-
87.0 80.0	-	0.0	-	0.0	-	-	3.0	-	-	0.0	-	-
90.0 200.0	-	0.0	-	0.0	-	-	5.0	-	-	-	-	-
110.0 60.0	-	0.0	-	0.0	-	-	3.1	-	-	0.0	-	-
123.0 60.0	-	0.0	-	3.3	-	-	0.0	-	-	0.0	-	-

Gonostomatidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 160.0	-	-	-	-	-	-	2.8	-	-	-	-	-
60.0 180.0	-	-	-	-	-	-	7.6	-	-	-	-	-
60.0 190.0	-	-	-	-	-	-	5.1	-	-	-	-	-
80.0 200.0	-	-	-	-	-	-	2.6	-	-	-	-	-
90.0 200.0	-	0.0	-	-	-	-	2.5	-	-	-	-	-
100.0 200.0	-	2.6	-	-	-	-	-	-	-	-	-	-
103.0 35.0	-	0.0	-	3.2	-	-	0.0	-	-	0.0	-	-
113.0 35.0	-	0.0	-	0.0	-	-	3.2	-	-	0.0	-	-

Cyclothone spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 120.0	-	-	-	-	-	-	5.9	-	-	-	-	-
60.0 160.0	-	-	-	-	-	-	14.1	-	-	-	-	-
60.0 180.0	-	-	-	-	-	-	88.9	-	-	-	-	-
60.0 190.0	-	-	-	-	-	-	25.3	-	-	-	-	-
63.0 200.0	-	-	-	-	-	-	3.1	-	-	-	-	-
70.0 200.0	-	-	-	-	-	-	5.9	-	-	-	-	-
73.0 49.4	-	-	-	0.2	-	0.0	-	-	-	-	-	-
80.0 66.7	0.0	-	-	-	-	-	-	-	-	-	-	-
80.0 80.0	3.1	-	-	-	-	-	-	-	-	9.2	-	-
80.0 90.0	0.0	-	-	0.0	-	0.0	-	-	-	33.8	-	-
80.0 100.0	2.8	-	-	-	-	2.8	-	-	-	-	-	-
80.0 200.0	2.7	-	-	-	-	3.0	-	-	-	-	-	-
80.0 200.0	-	-	-	-	-	-	47.0	-	-	-	-	-

TABLE 4. (cont.)

Cyclothone spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	65.0	0.0	-	3.0	-	0.0	0.0	-	-	0.0	-	-
83.0	80.0	0.0	-	0.0	-	0.0	9.5	-	-	0.0	-	-
83.0	80.0	0.0	-	-	-	-	6.3	-	-	0.0	-	-
87.0	80.0	0.0	-	2.8	-	-	0.0	-	-	12.6	-	-
87.0	90.0	0.0	-	6.3	-	-	3.1	-	-	0.0	-	-
90.0	32.0	2.7	-	0.0	-	-	0.0	-	-	0.0	-	-
90.0	65.0	0.0	-	2.9	-	-	0.0	-	-	0.0	-	-
90.0	70.0	8.1	-	3.0	-	-	0.0	-	-	3.0	-	-
90.0	80.0	2.7	-	2.8	-	-	0.0	-	-	2.9	-	-
90.0	90.0	0.0	-	0.0	-	-	3.3	-	-	0.0	-	-
90.0	100.0	36.3	-	0.0	-	-	0.0	-	-	0.0	-	-
90.0	140.0	12.6	-	-	-	-	11.0	-	-	-	-	-
90.0	160.0	2.6	-	-	-	-	56.1	-	-	-	-	-
90.0	180.0	2.6	-	-	-	-	0.0	-	-	-	-	-
90.0	200.0	4.9	-	-	-	-	5.0	-	-	-	-	-
93.0	80.0	0.0	-	3.0	-	-	-	-	-	5.8	-	-
93.0	90.0	0.0	-	2.7	-	-	-	-	-	0.0	-	-
93.0	100.0	8.9	-	0.0	-	-	-	-	-	22.6	-	-
97.0	35.0	3.3	-	0.0	-	-	0.0	-	-	0.0	-	-
97.0	65.0	0.0	-	2.9	-	-	0.0	-	-	0.0	-	-
97.0	70.0	0.0	-	2.8	-	-	0.0	-	-	3.1	-	-
97.0	80.0	9.8	-	0.0	-	-	-	-	-	0.0	-	-
97.0	90.0	0.0	-	0.0	-	-	-	-	-	3.0	-	-
100.0	50.0	0.0	-	0.0	-	-	2.5	-	-	3.0	-	-
100.0	65.0	0.0	-	2.9	-	-	0.0	-	-	3.0	-	-
100.0	70.0	0.0	-	5.9	-	-	0.0	-	-	3.1	-	-
100.0	80.0	2.6	-	15.2	-	-	8.9	-	-	22.4	-	-
100.0	90.0	2.7	-	14.7	-	-	7.8	-	-	3.0	-	-
100.0	100.0	5.2	-	-	-	-	-	-	-	-	-	-
100.0	120.0	25.5	-	-	-	-	-	-	-	-	-	-
100.0	140.0	30.8	-	-	-	-	-	-	-	-	-	-
100.0	160.0	7.8	-	-	-	-	-	-	-	-	-	-
100.0	200.0	20.6	-	-	-	-	-	-	-	-	-	-
103.0	45.0	3.0	-	-	-	-	-	-	-	-	-	-
103.0	50.0	0.0	-	0.0	-	-	0.0	-	-	0.0	-	-
103.0	55.0	0.0	-	15.4	-	-	0.0	-	-	0.0	-	-
103.0	60.0	0.0	-	9.2	-	-	0.0	-	-	9.4	-	-
103.0	65.0	6.2	-	3.0	-	-	0.0	-	-	6.4	-	-
103.0	70.0	0.0	-	5.8	-	-	0.0	-	-	0.0	-	-
103.0	80.0	0.0	-	11.8	-	-	0.0	-	-	3.2	-	-
103.0	90.0	0.0	-	15.2	-	-	21.8	-	-	3.1	-	-
107.0	35.0	0.0	-	0.0	-	-	0.0	-	-	2.8	-	-
107.0	40.0	0.0	-	0.0	-	-	0.0	-	-	2.9	-	-
107.0	45.0	0.0	-	6.3	-	-	3.0	-	-	0.0	-	-
107.0	50.0	0.0	-	3.1	-	-	0.0	-	-	3.0	-	-
107.0	55.0	0.0	-	9.4	-	-	2.8	-	-	2.9	-	-

TABLE 4. (cont.)

Cyclothone spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
107.0	60.0	3.0	-	0.0	-	-	9.1	-	-	0.0	-	-
107.0	65.0	15.6	-	0.0	-	-	0.0	-	-	8.6	-	-
107.0	70.0	22.8	-	5.9	-	-	8.6	-	-	0.0	-	-
107.0	80.0	15.3	-	0.0	-	-	11.0	-	-	0.0	-	-
107.0	90.0	9.1	-	24.2	-	-	0.0	-	-	30.6	-	-
110.0	35.0	0.0	-	0.0	-	-	3.3	-	-	0.0	-	-
110.0	40.0	0.0	-	0.0	-	-	7.2	-	-	0.0	-	-
110.0	45.0	0.0	-	0.0	-	-	8.0	-	-	0.0	-	-
110.0	50.0	0.0	-	0.0	-	-	7.5	-	-	6.3	-	-
110.0	55.0	2.7	-	0.0	-	-	2.6	-	-	6.2	-	-
110.0	60.0	0.0	-	15.3	-	-	0.0	-	-	0.0	-	-
110.0	65.0	10.9	-	0.0	-	-	2.7	-	-	17.9	-	-
110.0	70.0	0.0	-	9.1	-	-	32.0	-	-	0.0	-	-
110.0	75.0	5.5	-	13.2	-	-	30.7	-	-	9.6	-	-
110.0	80.0	18.3	-	0.0	-	-	15.7	-	-	6.3	-	-
110.0	90.0	0.0	-	-	-	-	-	-	-	-	-	-
110.0	100.0	11.0	-	-	-	-	-	-	-	-	-	-
110.0	120.0	0.0	-	3.1	-	-	-	-	-	2.9	-	-
113.0	45.0	0.0	-	0.0	-	-	3.0	-	-	0.0	-	-
113.0	50.0	0.0	-	3.3	-	-	0.0	-	-	0.0	-	-
113.0	55.0	0.0	-	20.0	-	-	0.0	-	-	0.0	-	-
113.0	60.0	0.0	-	16.7	-	-	0.0	-	-	0.0	-	-
113.0	65.0	6.1	-	6.3	-	-	0.0	-	-	0.0	-	-
113.0	70.0	5.8	-	3.1	-	-	14.3	-	-	46.2	-	-
113.0	80.0	3.7	-	3.3	-	-	11.5	-	-	-	-	-
113.0	90.0	0.0	-	0.0	-	-	0.0	-	-	2.7	-	-
117.0	30.0	0.0	-	0.0	-	-	0.0	-	-	9.5	-	-
117.0	35.0	0.0	-	0.0	-	-	0.0	-	-	0.0	-	-
117.0	45.0	2.9	-	3.0	-	-	3.1	-	-	2.9	-	-
117.0	50.0	2.9	-	0.0	-	-	0.0	-	-	0.0	-	-
117.0	55.0	2.9	-	0.0	-	-	0.0	-	-	5.6	-	-
117.0	60.0	0.0	-	9.7	-	-	0.0	-	-	0.0	-	-
117.0	65.0	3.1	-	3.1	-	-	0.0	-	-	8.4	-	-
117.0	70.0	3.0	-	3.3	-	-	0.0	-	-	31.7	-	-
117.0	80.0	3.1	-	12.6	-	-	0.0	-	-	-	-	-
117.0	90.0	9.1	-	0.0	-	-	0.0	-	-	0.0	-	-
118.0	39.0	0.0	-	0.0	-	-	0.0	-	-	5.7	-	-
120.0	45.0	0.0	-	0.0	-	-	3.1	-	-	5.8	-	-
120.0	50.0	0.0	-	0.0	-	-	5.8	-	-	11.6	-	-
120.0	55.0	0.0	-	0.0	-	-	8.3	-	-	0.0	-	-
120.0	60.0	0.0	-	0.0	-	-	5.2	-	-	0.0	-	-
120.0	65.0	0.0	-	3.2	-	-	12.0	-	-	3.0	-	-
120.0	70.0	2.7	-	0.0	-	-	2.7	-	-	-	-	-
120.0	80.0	8.1	-	0.0	-	-	7.5	-	-	-	-	-
120.0	90.0	5.6	-	-	-	-	-	-	-	-	-	-
120.0	100.0	2.7	-	-	-	-	-	-	-	-	-	-
120.0	120.0	2.8	-	-	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

Cyclothone spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
123.0	36.0	0.0	-	0.0	-	-	0.9	-	-	0.0	-	-
123.0	37.0	0.0	-	5.8	-	-	0.0	-	-	0.0	-	-
123.0	55.0	0.0	-	0.0	-	-	0.0	-	-	8.8	-	-
123.0	60.0	0.0	-	0.0	-	-	3.3	-	-	18.2	-	-
123.0	65.0	3.4	-	0.0	-	-	18.8	-	-	26.0	-	-
123.0	70.0	9.9	-	0.0	-	-	31.0	-	-	5.8	-	-
123.0	80.0	2.9	-	3.1	-	-	0.0	-	-	-	-	-
123.5	35.6	0.0	-	0.0	-	-	0.3	-	-	-	-	-
127.0	45.0	3.0	-	0.0	-	-	-	0.0	-	0.0	-	-
127.0	50.0	0.0	-	3.2	-	-	-	0.0	-	2.7	-	-
127.0	55.0	2.8	-	0.0	-	-	-	0.0	-	2.9	-	-
127.0	60.0	5.3	-	6.0	-	-	-	0.0	-	0.0	-	-
127.0	65.0	5.3	-	3.1	-	-	-	12.7	-	-	-	-
127.0	70.0	3.1	-	0.0	-	-	-	9.5	-	-	-	-
127.0	80.0	0.0	-	-	-	-	12.0	-	-	-	-	-
130.0	35.0	0.0	-	3.4	-	-	6.8	-	-	0.0	-	-
130.0	40.0	0.0	-	3.3	-	-	2.6	-	-	0.0	-	-
130.0	45.0	0.0	-	0.0	-	-	2.5	-	-	30.0	-	-
130.0	50.0	2.7	-	0.0	-	-	2.5	-	-	8.9	-	-
130.0	55.0	0.0	-	3.3	-	-	7.5	-	-	16.8	-	-
130.0	60.0	0.0	-	6.8	-	-	5.4	-	-	0.0	-	-
130.0	65.0	-	-	3.2	-	-	-	-	-	-	-	-
130.0	70.0	0.0	-	3.1	-	-	40.6	-	-	-	-	-
130.0	80.0	2.8	-	-	-	-	66.0	-	-	-	-	-
130.0	90.0	0.0	-	-	-	-	5.0	-	-	-	-	-
130.0	100.0	14.5	-	-	-	-	-	-	-	-	-	-
130.0	120.0	8.0	-	-	-	-	-	-	-	-	-	-
133.0	45.0	2.9	-	0.0	-	-	-	3.2	-	0.0	-	-
133.0	50.0	2.7	-	0.0	-	-	-	0.0	-	0.0	-	-
133.0	55.0	2.9	-	3.2	-	-	-	0.0	-	0.0	-	-
133.0	60.0	0.0	-	0.0	-	-	-	0.0	-	3.0	-	-
133.0	65.0	10.9	-	0.0	-	-	-	0.0	-	-	-	-
133.0	70.0	0.0	-	0.0	-	-	-	3.1	-	-	-	-
133.0	80.0	2.8	-	-	-	-	-	6.1	-	-	-	-
137.0	40.0	0.0	-	0.0	-	-	2.7	-	-	0.0	-	-
137.0	55.0	0.0	-	0.0	-	-	2.8	-	-	3.2	-	-
137.0	60.0	5.1	-	0.0	-	-	0.0	-	-	6.1	-	-
137.0	70.0	2.5	-	0.0	-	-	0.0	-	-	-	-	-

Ichthyococcus spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	140.0	-	-	-	-	-	0.0	-	-	-	-	-
93.0	40.0	2.5	-	0.0	-	-	0.0	-	-	0.0	-	-
100.0	90.0	0.0	-	0.0	-	-	2.6	-	-	0.0	-	-

TABLE 4. (cont.)

Ichthyococcus spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
103.0	55.0	0.0	-	3.1	-	-	0.0	-	-	0.0	-	-
107.0	55.0	0.0	-	0.0	-	-	2.8	-	-	0.0	-	-
107.0	80.0	3.1	-	0.0	-	-	0.0	-	-	0.0	-	-
113.0	55.0	2.9	-	0.0	-	-	0.0	-	-	0.0	-	-
113.0	65.0	0.0	-	5.7	-	-	-	-	-	0.0	-	-
117.0	55.0	0.0	-	3.2	-	-	0.0	-	-	0.0	-	-
117.0	60.0	0.0	-	3.2	-	-	0.0	-	-	0.0	-	-
117.0	80.0	3.1	-	0.0	-	-	0.0	-	-	0.0	-	-
120.0	55.0	0.0	-	0.0	-	-	0.0	-	-	2.9	-	-
120.0	80.0	2.7	-	0.0	-	-	0.0	-	-	-	-	-

Vinciguerria lucetia

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	180.0	-	-	-	-	-	35.6	-	-	-	-	-
60.0	190.0	-	-	-	-	-	5.1	-	-	-	-	-
63.0	200.0	-	-	-	-	-	3.1	-	-	-	-	-
80.0	80.0	0.0	-	0.0	-	0.0	-	-	-	3.1	-	-
80.0	90.0	0.0	-	-	-	0.0	-	-	-	6.1	-	-
80.0	200.0	-	-	-	-	-	49.6	-	-	-	-	-
83.0	80.0	-	-	6.1	-	-	9.5	-	-	0.0	-	-
83.0	90.0	-	-	-	-	-	18.9	-	-	0.0	-	-
87.0	34.0	0.0	-	0.0	-	-	2.6	-	-	0.0	-	-
37.0	80.0	0.0	-	0.0	-	-	0.0	-	-	6.3	-	-
90.0	70.0	2.7	-	0.0	-	-	0.0	-	-	0.0	-	-
90.0	90.0	0.0	-	0.0	-	-	3.3	-	-	0.0	-	-
90.0	100.0	10.4	-	0.0	-	-	3.0	-	-	0.0	-	-
90.0	120.0	5.1	-	-	-	-	0.0	-	-	-	-	-
90.0	140.0	5.1	-	-	-	-	52.1	-	-	-	-	-
90.0	160.0	10.4	-	-	-	-	104.9	-	-	-	-	-
90.0	180.0	-	-	-	-	-	0.0	-	-	-	-	-
90.0	200.0	0.0	-	-	-	-	7.4	-	-	-	-	-
93.0	27.0	0.0	-	0.0	-	-	2.6	-	-	0.0	-	-
93.0	28.0	0.0	-	0.0	-	-	2.8	-	-	0.0	-	-
93.0	90.0	0.0	-	0.0	-	-	-	-	-	3.1	-	-
93.0	100.0	8.9	-	0.0	-	-	-	-	-	0.0	-	-
97.0	40.0	3.2	-	0.0	-	-	0.0	-	-	0.0	-	-
97.0	45.0	0.0	-	0.0	-	-	3.1	-	-	3.1	-	-
97.0	70.0	3.2	-	0.0	-	-	0.0	-	-	0.0	-	-
97.0	80.0	0.0	-	0.0	-	-	-	-	-	37.7	-	-
97.0	100.0	-	-	2.8	-	-	-	-	-	-	-	-
100.0	50.0	0.0	-	0.0	-	-	0.0	-	-	18.0	-	-
100.0	55.0	0.0	-	0.0	-	-	3.0	-	-	3.0	-	-
100.0	60.0	0.0	-	5.9	-	-	5.3	-	-	30.5	-	-
100.0	65.0	0.0	-	0.0	-	-	2.3	-	-	36.2	-	-

TABLE 4. (cont.)

Vinciguerria lucetia (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	70.0	2.7	-	5.9	-	-	5.3	-	-	18.7	-	-
100.0	80.0	0.0	-	24.3	-	-	3.0	-	-	131.2	-	-
100.0	90.0	0.0	-	5.9	-	-	208.0	-	-	35.4	-	-
100.0	120.0	17.0	-	-	-	-	-	-	-	-	-	-
100.0	140.0	22.4	-	-	-	-	-	-	-	-	-	-
100.0	160.0	2.6	-	-	-	-	-	-	-	-	-	-
100.0	200.0	12.9	-	-	-	-	-	-	-	-	-	-
103.0	50.0	0.0	-	0.0	-	-	9.4	-	-	3.0	-	-
103.0	55.0	3.1	-	9.3	-	-	0.0	-	-	47.1	-	-
103.0	60.0	0.0	-	0.0	-	-	3.0	-	-	19.2	-	-
103.0	65.0	3.1	-	3.0	-	-	0.0	-	-	32.0	-	-
103.0	70.0	0.0	-	8.7	-	-	3.0	-	-	3.3	-	-
103.0	75.0	24.2	-	44.1	-	-	3.1	-	-	35.1	-	-
103.0	80.0	3.1	-	42.6	-	-	334.6	-	-	65.1	-	-
103.0	90.0	0.0	-	0.0	-	-	0.0	-	-	11.2	-	-
107.0	35.0	0.0	-	0.0	-	-	5.9	-	-	0.0	-	-
107.0	40.0	0.0	-	3.1	-	-	30.4	-	-	0.0	-	-
107.0	45.0	0.0	-	0.0	-	-	10.7	-	-	5.9	-	-
107.0	50.0	0.0	-	6.3	-	-	25.2	-	-	14.7	-	-
107.0	55.0	0.0	-	3.3	-	-	247.1	-	-	37.7	-	-
107.0	60.0	3.0	-	9.7	-	-	126.8	-	-	143.5	-	-
107.0	65.0	18.7	-	32.2	-	-	126.7	-	-	18.3	-	-
107.0	70.0	52.0	-	19.4	-	-	215.3	-	-	132.9	-	-
107.0	80.0	15.3	-	87.6	-	-	304.0	-	-	315.2	-	-
110.0	35.0	0.0	-	0.0	-	-	0.0	-	-	3.1	-	-
110.0	40.0	2.8	-	0.0	-	-	39.8	-	-	6.0	-	-
110.0	45.0	2.6	-	0.0	-	-	230.5	-	-	157.0	-	-
110.0	50.0	0.0	-	0.0	-	-	102.5	-	-	279.0	-	-
110.0	55.0	0.0	-	0.0	-	-	57.0	-	-	126.7	-	-
110.0	60.0	0.0	-	42.8	-	-	12.5	-	-	0.0	-	-
110.0	65.0	10.9	-	33.0	-	-	48.1	-	-	89.4	-	-
110.0	70.0	0.0	-	100.0	-	-	425.6	-	-	0.0	-	-
110.0	80.0	16.4	-	9.9	-	-	842.5	-	-	360.5	-	-
110.0	90.0	6.1	-	63.2	-	-	334.1	-	-	184.7	-	-
110.0	100.0	18.3	-	-	-	-	-	-	-	-	-	-
110.0	120.0	11.0	-	-	-	-	-	-	-	-	-	-
113.0	35.0	3.1	-	0.0	-	-	0.0	-	-	0.0	-	-
113.0	40.0	0.0	-	0.0	-	-	50.0	-	-	2.8	-	-
113.0	45.0	0.0	-	9.4	-	-	-	-	-	11.4	-	-
113.0	50.0	0.0	-	0.0	-	-	50.8	-	-	6.0	-	-
113.0	55.0	0.0	-	13.0	-	-	26.8	-	-	0.0	-	-
113.0	60.0	2.9	-	96.9	-	-	72.2	-	-	2.8	-	-
113.0	65.0	0.0	-	63.5	-	-	-	-	-	0.0	-	-
113.0	70.0	21.2	-	15.8	-	-	2.9	-	-	22.0	-	-
113.0	75.0	17.3	-	109.9	-	-	576.9	-	-	722.5	-	-
113.0	80.0	14.8	-	53.1	-	-	489.6	-	-	-	-	-
113.0	90.0	-	-	-	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

Vinciguerria lucetia (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
115.0	35.0	-	0.0	-	-	-	2.9	-	-	-	-	-
117.0	26.0	0.0	-	0.0	-	-	0.0	-	-	7.2	-	-
117.0	30.0	0.0	-	0.0	-	-	0.0	-	-	2.7	-	-
117.0	35.0	0.0	-	0.0	-	-	0.0	-	-	72.9	-	-
117.0	40.0	0.0	-	0.0	-	-	0.0	-	-	51.0	-	-
117.0	45.0	0.0	-	6.1	-	-	3.2	-	-	16.8	-	-
117.0	50.0	0.0	-	13.1	-	-	15.6	-	-	40.2	-	-
117.0	55.0	3.0	-	3.2	-	-	6.5	-	-	2.9	-	-
117.0	60.0	34.8	-	58.0	-	-	0.0	-	-	27.8	-	-
117.0	65.0	17.5	-	47.1	-	-	3.3	-	-	404.6	-	-
117.0	70.0	6.0	-	26.6	-	-	91.9	-	-	474.3	-	-
117.0	80.0	18.4	-	91.4	-	-	159.6	-	-	649.4	-	-
117.0	90.0	0.0	-	160.7	-	-	328.8	-	-	-	-	-
118.0	39.0	0.0	-	0.0	-	-	0.0	-	-	43.8	-	-
119.0	33.0	-	0.0	0.0	-	-	0.0	-	-	15.3	-	-
120.0	25.0	0.0	0.0	0.0	-	-	0.0	-	-	2.5	-	-
120.0	45.0	0.0	0.0	0.0	-	-	92.8	-	-	138.7	-	-
120.0	50.0	0.0	0.0	0.0	-	-	15.3	-	-	356.2	-	-
120.0	55.0	0.0	0.0	0.0	-	-	87.0	-	-	197.9	-	-
120.0	60.0	12.1	-	0.0	-	-	269.5	-	-	34.8	-	-
120.0	65.0	6.2	-	0.0	-	-	124.8	-	-	144.8	-	-
120.0	70.0	0.0	-	0.0	-	-	251.2	-	-	51.0	-	-
120.0	80.0	32.4	-	25.0	-	-	296.8	-	-	-	-	-
120.0	90.0	22.5	-	-	-	-	170.7	-	-	-	-	-
120.0	120.0	13.9	-	-	-	-	-	-	-	-	-	-
123.0	36.0	0.0	0.0	0.0	-	-	31.6	-	-	0.0	-	-
123.0	37.0	1.4	0.0	0.0	-	-	25.2	-	-	0.0	-	-
123.0	42.0	0.0	0.0	3.3	-	-	20.1	-	-	0.0	-	-
123.0	45.0	0.0	-	0.0	-	-	31.8	-	-	12.0	-	-
123.0	50.0	0.0	-	3.4	-	-	49.4	-	-	276.2	-	-
123.0	55.0	0.0	-	0.0	-	-	126.0	-	-	1940.4	-	-
123.0	60.0	12.2	-	6.5	-	-	185.9	-	-	1015.0	-	-
123.0	65.0	10.3	-	105.9	-	-	288.9	-	-	763.0	-	-
123.0	70.0	9.9	-	57.4	-	-	818.4	-	-	658.3	-	-
123.0	80.0	14.4	-	56.2	-	-	110.3	-	-	-	-	-
123.5	35.6	0.3	-	0.0	-	-	1.8	-	-	0.0	-	-
127.0	32.6	0.0	-	0.0	-	-	-	0.9	-	0.0	-	-
127.0	33.0	0.0	-	0.0	-	-	-	10.6	-	0.0	-	-
127.0	34.0	0.0	-	7.7	-	-	-	109.1	-	0.0	-	-
127.0	40.0	0.0	-	3.2	-	-	-	29.4	-	2.8	-	-
127.0	45.0	3.0	-	0.0	-	-	-	14.8	-	96.6	-	-
127.0	50.0	2.8	-	9.5	-	-	-	41.4	-	165.9	-	-
127.0	55.0	5.7	-	3.1	-	-	-	40.2	-	8.8	-	-
127.0	60.0	13.4	-	9.0	-	-	-	54.7	-	18.0	-	-
127.0	65.0	21.0	-	166.3	-	-	-	343.4	-	-	-	-
127.0	70.0	9.2	-	332.6	-	-	-	518.2	-	-	-	-

TABLE 4. (cont.)

Vinciguerria lucetia (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
127.0	80.0	2.9	-	-	-	-	426.0	-	-	-	-	-
130.0	26.0	0.8	-	0.0	-	-	-	-	-	1.1	-	-
130.0	28.0	0.9	-	0.0	-	-	0.0	-	-	0.0	-	-
130.0	30.0	0.0	-	0.0	-	-	5.2	-	-	0.0	-	-
130.0	35.0	0.0	-	0.0	-	-	77.5	-	-	23.9	-	-
130.0	40.0	14.3	-	72.2	-	-	65.3	-	-	51.3	-	-
130.0	45.0	0.0	-	13.3	-	-	33.0	-	-	408.0	-	-
130.0	50.0	5.4	-	20.4	-	-	154.4	-	-	365.3	-	-
130.0	55.0	2.8	-	16.5	-	-	74.7	-	-	711.2	-	-
130.0	60.0	10.7	-	30.6	-	-	89.4	-	-	73.8	-	-
130.0	65.0	-	-	22.5	-	-	-	-	-	-	-	-
130.0	70.0	37.2	-	37.6	-	-	541.0	-	-	-	-	-
130.0	80.0	8.3	-	-	-	-	836.9	-	-	-	-	-
130.0	90.0	20.7	-	-	-	-	143.8	-	-	-	-	-
130.0	100.0	617.7	-	-	-	-	-	-	-	-	-	-
130.0	120.0	26.6	-	-	-	-	-	-	-	-	-	-
133.0	23.0	1.6	-	0.0	-	-	-	0.0	-	0.0	-	-
133.0	25.0	1.9	-	0.0	-	-	-	0.0	-	0.0	-	-
133.0	30.0	11.5	-	0.0	-	-	-	3.0	-	0.0	-	-
133.0	35.0	0.0	-	0.0	-	-	-	6.4	-	12.9	-	-
133.0	40.0	24.6	-	9.6	-	-	-	120.1	-	0.0	-	-
133.0	45.0	5.8	-	6.7	-	-	-	160.7	-	0.0	-	-
133.0	50.0	8.0	-	3.3	-	-	-	64.0	-	0.0	-	-
133.0	55.0	2.9	-	6.5	-	-	-	6.4	-	3.1	-	-
133.0	60.0	2.6	-	29.3	-	-	-	18.5	-	18.1	-	-
133.0	65.0	81.9	-	26.2	-	-	-	19.1	-	-	-	-
133.0	70.0	26.1	-	52.0	-	-	-	46.8	-	-	-	-
133.0	80.0	135.4	-	-	-	-	-	18.4	-	-	-	-
137.0	30.0	0.0	-	-	6.1	-	-	-	-	0.0	-	-
137.0	35.0	0.0	-	0.0	0.0	-	0.0	-	-	9.2	-	-
137.0	40.0	0.0	-	3.1	-	-	48.4	-	-	80.3	-	-
137.0	45.0	2.5	-	9.0	-	-	51.3	-	-	11.4	-	-
137.0	50.0	14.6	-	15.1	-	-	125.0	-	-	58.9	-	-
137.0	55.0	2.7	-	14.7	-	-	223.6	-	-	47.4	-	-
137.0	60.0	45.9	-	3.3	-	-	160.1	-	-	39.8	-	-
137.0	65.0	-	-	127.7	-	-	-	-	-	-	-	-
137.0	70.0	117.0	-	6.6	-	-	58.3	-	-	-	-	-
137.0	80.0	152.3	-	-	-	-	35.9	-	-	-	-	-
140.0	29.0	-	-	-	-	-	1.4	-	-	-	-	-
140.0	30.0	4.1	-	-	-	-	0.0	-	-	-	-	-
140.0	35.0	4.8	-	-	-	-	0.0	-	-	-	-	-
140.0	45.0	25.5	-	-	-	-	196.6	-	-	-	-	-
140.0	50.0	-	-	-	-	-	337.9	-	-	-	-	-

TABLE 4. (cont.)

Vinciguerria poweriae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 180.0	-	-	-	-	-	-	5.1	-	-	-	-	-
70.0 200.0	-	-	-	-	-	-	3.0	-	-	-	-	-
100.0 80.0	-	0.0	-	0.0	-	-	3.0	-	-	0.0	-	-
100.0 120.0	-	2.8	-	-	-	-	-	-	-	-	-	-

Sternoptychidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 160.0	-	-	-	-	-	-	2.8	-	-	-	-	-
60.0 180.0	-	-	-	-	-	-	2.5	-	-	-	-	-
60.0 190.0	-	-	-	-	-	-	2.5	-	-	-	-	-
76.2 60.0	0.0	-	-	-	5.4	-	-	-	-	-	-	-
77.0 55.0	2.9	-	-	0.0	0.0	-	-	-	-	-	-	-
77.8 54.0	2.8	-	-	-	-	-	-	-	-	-	-	-
80.0 51.0	3.0	-	-	0.0	0.0	-	-	-	-	0.0	-	-
80.0 80.0	0.0	-	-	0.0	0.0	-	-	-	-	6.2	-	-
80.0 90.0	0.0	-	-	-	0.0	-	-	-	-	3.1	-	-
80.0 90.0	0.0	-	-	-	0.0	-	-	-	-	0.0	-	-
83.0 55.0	0.0	2.6	-	0.0	0.0	-	0.0	-	-	0.0	-	-
83.0 60.0	0.0	2.7	-	0.0	0.0	-	0.0	-	-	0.0	-	-
83.0 70.0	-	0.0	-	0.0	-	-	0.0	-	-	0.0	-	-
83.0 80.0	-	0.0	-	3.0	-	-	0.0	-	-	3.3	-	-
87.0 35.0	-	0.0	-	2.8	-	-	0.0	-	-	0.0	-	-
87.0 90.0	-	0.0	-	3.1	-	-	0.0	-	-	0.0	-	-
90.0 80.0	-	0.0	-	2.8	-	-	0.0	-	-	0.0	-	-
90.0 200.0	-	0.0	-	-	-	-	2.5	-	-	-	-	-
93.0 30.0	-	0.0	-	2.8	-	-	0.0	-	-	0.0	-	-
93.0 100.0	-	3.0	-	0.0	-	-	-	-	-	0.0	-	-
97.0 32.0	-	3.1	-	0.0	-	-	0.0	-	-	0.0	-	-
97.0 40.0	-	3.2	-	0.0	-	-	0.0	-	-	0.0	-	-
97.0 70.0	-	0.0	-	2.8	-	-	0.0	-	-	0.0	-	-
100.0 70.0	-	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
100.0 90.0	-	0.0	-	2.9	-	-	0.0	-	-	0.0	-	-
103.0 35.0	-	0.0	-	3.2	-	-	0.0	-	-	0.0	-	-
103.0 40.0	-	0.0	-	3.1	-	-	0.0	-	-	0.0	-	-
103.0 90.0	-	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
107.0 32.0	-	0.0	-	0.0	-	-	0.0	-	-	3.0	-	-
107.0 45.0	-	0.0	-	3.1	-	-	0.0	-	-	0.0	-	-
107.0 55.0	-	0.0	-	3.1	-	-	2.8	-	-	0.0	-	-
107.0 60.0	-	0.0	-	0.0	-	-	3.0	-	-	0.0	-	-
107.0 65.0	-	0.0	-	3.2	-	-	0.0	-	-	2.9	-	-
107.0 70.0	-	0.0	-	2.9	-	-	0.0	-	-	0.0	-	-
107.0 80.0	-	0.0	-	3.2	-	-	0.0	-	-	0.0	-	-
107.0 90.0	-	0.0	-	0.0	-	-	0.0	-	-	6.1	-	-
110.0 45.0	-	0.0	-	0.0	-	-	0.0	-	-	3.1	-	-
110.0 55.0	-	0.0	-	0.0	-	-	2.6	-	-	0.0	-	-

TABLE 4. (cont.)

Sternoptychidae (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
110.0	70.0	3.0	-	0.0	-	-	0.0	-	-	0.0	-	-
110.0	80.0	0.0	-	0.0	-	-	0.0	-	-	3.2	-	-
110.0	100.0	3.0	-	-	-	-	-	-	-	-	-	-
110.0	120.0	2.8	-	-	-	-	-	-	-	-	-	-
113.0	65.0	3.0	-	0.0	-	-	-	-	-	0.0	-	-
113.0	70.0	0.0	-	0.0	-	-	2.9	-	-	0.0	-	-
113.0	90.0	0.0	-	6.6	-	-	0.0	-	-	-	-	-
117.0	45.0	0.0	-	0.0	-	-	3.2	-	-	0.0	-	-
117.0	65.0	2.9	-	0.0	-	-	0.0	-	-	0.0	-	-
117.0	90.0	0.0	-	3.2	-	-	0.0	-	-	-	-	-
120.0	45.0	0.0	-	0.0	-	-	2.9	-	-	0.0	-	-
120.0	55.0	0.0	-	0.0	-	-	2.9	-	-	0.0	-	-
120.0	60.0	0.0	-	0.0	-	-	0.0	-	-	5.8	-	-
120.0	65.0	0.0	-	0.0	-	-	0.0	-	-	2.8	-	-
120.0	70.0	0.0	-	3.1	-	-	0.0	-	-	0.0	-	-
120.0	100.0	2.7	-	-	-	-	-	-	-	-	-	-
123.0	45.0	0.0	-	0.0	-	-	0.0	-	-	6.0	-	-
123.0	50.0	0.0	-	3.4	-	-	0.0	-	-	0.0	-	-
123.0	60.0	0.0	-	3.3	-	-	0.0	-	-	0.0	-	-
127.0	50.0	0.0	-	0.0	-	-	-	3.0	-	0.0	-	-
127.0	55.0	5.7	-	0.0	-	-	-	0.0	-	0.0	-	-
127.0	65.0	2.6	-	0.0	-	-	-	0.0	-	-	-	-
130.0	35.0	3.0	-	0.0	-	-	0.0	-	-	0.0	-	-
130.0	40.0	0.0	-	3.3	-	-	0.0	-	-	0.0	-	-
130.0	45.0	0.0	-	0.0	-	-	0.0	-	-	6.0	-	-
130.0	55.0	2.8	-	0.0	-	-	0.0	-	-	0.0	-	-
130.0	60.0	5.3	-	0.0	-	-	0.0	-	-	0.0	-	-
130.0	70.0	0.0	-	0.0	-	-	2.5	-	-	-	-	-
130.0	80.0	8.3	-	0.0	-	-	0.0	-	-	-	-	-
130.0	90.0	2.6	-	-	-	-	-	-	-	-	-	-
133.0	40.0	2.5	-	0.0	-	-	-	0.0	-	0.0	-	-
133.0	70.0	0.0	-	0.0	-	-	-	3.1	-	-	-	-
137.0	35.0	0.0	-	-	0.0	-	2.7	-	-	0.0	-	-
137.0	50.0	0.0	-	0.0	-	-	0.0	-	-	3.1	-	-
137.0	70.0	2.5	-	0.0	-	-	0.0	-	-	-	-	-
137.0	80.0	5.4	-	-	-	-	8.3	-	-	-	-	-
140.0	50.0	2.5	-	-	-	-	7.7	-	-	-	-	-

Chauliodus macouni

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	60.0	-	-	3.0	-	-	0.0	-	-	-	-	-
60.0	90.0	0.0	-	-	-	-	3.0	-	-	-	-	-
67.0	55.0	-	-	3.6	-	0.0	-	-	-	-	-	-
67.0	60.0	2.7	-	0.0	-	2.7	-	-	-	-	-	-

TABLE 4. (cont.)

Chauliodus macouni (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0	51.0	0.0	-	3.8	-	0.0	-	-	-	-	-	-
70.0	52.0	0.0	-	3.0	-	0.0	-	-	-	-	-	-
70.0	60.0	2.4	-	14.8	-	0.0	-	-	-	-	-	-
70.0	90.0	2.6	-	-	-	0.0	-	-	-	-	-	-
73.0	50.0	0.0	-	0.0	-	2.1	-	-	-	-	-	-
76.2	63.3	1.9	-	-	-	-	-	-	-	-	-	-
76.2	66.7	4.3	-	-	-	-	-	-	-	-	-	-
76.2	70.0	2.7	-	-	-	-	-	-	-	-	-	-
77.0	55.0	0.0	-	0.0	-	0.0	-	-	-	-	-	-
77.0	65.0	-	-	0.0	-	2.8	-	-	-	-	-	-
77.0	70.0	0.0	-	3.2	-	0.0	-	-	-	-	-	-
77.8	57.0	2.8	-	-	-	-	-	-	-	-	-	-
77.8	63.3	2.8	-	-	-	-	-	-	-	-	-	-
78.5	70.0	0.0	-	-	-	5.6	-	-	-	-	-	-
78.5	74.0	5.3	-	-	-	-	-	-	-	6.2	-	-
80.0	80.0	0.0	-	0.0	-	0.0	-	-	-	0.0	-	-
80.0	90.0	0.0	-	-	-	2.8	-	-	-	0.0	-	-
80.8	65.0	-	-	-	-	3.3	-	-	-	-	-	-
83.0	60.0	0.0	-	0.0	-	0.0	-	-	-	0.0	-	-
83.0	65.0	0.0	-	3.0	-	0.0	5.9	-	-	0.0	-	-
83.0	70.0	0.0	-	0.0	-	0.0	3.2	-	-	0.0	-	-
83.0	80.0	0.0	-	0.0	-	-	3.4	-	-	0.0	-	-
85.0	39.0	2.6	-	0.0	-	3.8	9.5	-	-	0.0	-	-
87.0	60.0	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
87.0	65.0	0.0	-	0.0	-	-	3.2	-	-	3.3	-	-
87.0	70.0	0.0	-	0.0	-	-	3.0	-	-	0.0	-	-
87.0	90.0	0.0	-	0.0	-	-	3.1	-	-	0.0	-	-
90.0	32.0	0.0	-	2.0	-	-	0.0	-	-	0.0	-	-
90.0	65.0	0.0	-	2.9	-	-	0.0	-	-	0.0	-	-
90.0	70.0	0.0	-	0.0	-	-	0.0	-	-	3.0	-	-
90.0	80.0	2.7	-	0.0	-	-	0.0	-	-	5.7	-	-
90.0	90.0	0.0	-	0.0	-	-	3.0	-	-	0.0	-	-
93.0	30.0	0.0	-	0.0	-	-	2.6	-	-	0.0	-	-
93.0	35.0	0.0	-	0.0	-	-	2.9	-	-	0.0	-	-
93.0	45.0	0.0	-	5.7	-	-	0.0	-	-	3.1	-	-
93.0	65.0	0.0	-	0.0	-	-	3.1	-	-	0.0	-	-
93.0	80.0	0.0	-	3.0	-	-	-	-	-	2.9	-	-
93.0	100.0	0.0	-	0.0	-	-	-	-	-	2.8	-	-
97.0	45.0	0.0	-	0.0	-	-	0.0	-	-	3.1	-	-
97.0	50.0	0.0	-	0.0	-	-	-	-	-	0.0	-	-
97.0	55.0	0.0	-	2.9	-	-	0.0	-	-	0.0	-	-
97.0	70.0	3.2	-	2.9	-	-	0.0	-	-	0.0	-	-
97.0	100.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
100.0	40.0	0.0	-	2.8	-	-	-	-	-	-	-	-
100.0	40.0	0.0	-	0.0	-	-	3.0	-	-	2.9	-	-
100.0	50.0	0.0	-	0.0	-	-	0.0	-	-	3.0	-	-
100.0	55.0	0.0	-	2.9	-	-	0.0	-	-	0.0	-	-

TABLE 4. (cont.)

Chauliodus macouni (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	80.0	0.0	-	0.0	-	-	0.0	-	-	3.2	-	-
100.0	90.0	0.0	-	2.9	-	-	0.0	-	-	0.0	-	-
103.0	55.0	0.0	-	0.0	-	-	3.0	-	-	0.0	-	-
103.0	60.0	0.0	-	3.1	-	-	3.0	-	-	3.2	-	-
103.0	65.0	0.0	-	0.0	-	-	2.9	-	-	0.0	-	-
107.0	40.0	0.0	-	3.4	-	-	0.0	-	-	0.0	-	-
113.0	80.0	3.0	-	0.0	-	-	0.0	-	-	0.0	-	-

Idiacanthus antrostomus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	80.0	-	-	0.0	-	-	0.0	-	-	-	-	-
60.0	160.0	2.5	-	-	-	-	25.3	-	-	-	-	-
60.0	180.0	-	-	-	-	-	5.1	-	-	-	-	-
60.0	190.0	-	-	-	-	-	5.1	-	-	-	-	-
70.0	200.0	-	-	-	-	-	3.0	-	-	-	-	-
77.8	70.0	-	-	-	-	0.0	-	-	-	-	-	-
79.2	74.0	3.0	-	-	-	0.0	-	-	-	2.8	-	-
80.0	70.0	0.0	-	0.0	-	0.0	-	-	-	3.1	-	-
80.0	80.0	0.0	-	0.0	-	0.0	-	-	-	24.6	-	-
80.0	90.0	0.0	-	-	-	0.0	-	-	-	-	-	-
80.0	100.0	2.7	-	-	-	0.0	-	-	-	3.0	-	-
83.0	90.0	0.0	-	0.0	-	-	3.0	-	-	6.3	-	-
87.0	80.0	-	-	0.0	-	-	0.0	-	-	3.0	-	-
87.0	90.0	2.9	-	0.0	-	-	0.0	-	-	2.9	-	-
90.0	80.0	0.0	-	0.0	-	-	3.0	-	-	-	-	-
90.0	120.0	0.0	-	-	-	-	-	-	-	8.7	-	-
93.0	80.0	0.0	-	0.0	-	-	-	-	-	3.0	-	-
97.0	90.0	0.0	-	0.0	-	-	-	-	-	0.0	-	-
100.0	55.0	0.0	-	0.0	-	-	2.1	-	-	5.9	-	-
100.0	90.0	0.0	-	0.0	-	-	0.0	-	-	3.2	-	-
103.0	60.0	0.0	-	3.1	-	-	0.0	-	-	3.2	-	-
103.0	65.0	0.0	-	0.0	-	-	0.0	-	-	3.0	-	-
107.0	50.0	0.0	-	0.0	-	-	0.0	-	-	2.9	-	-
107.0	65.0	0.0	-	0.0	-	-	0.0	-	-	3.1	-	-
107.0	90.0	0.0	-	0.0	-	-	0.0	-	-	2.8	-	-
113.0	60.0	0.0	-	0.0	-	-	0.0	-	-	2.9	-	-
117.0	50.0	0.0	-	0.0	-	-	0.0	-	-	2.9	-	-
120.0	60.0	0.0	-	0.0	-	-	0.0	-	-	2.9	-	-
123.0	55.0	0.0	-	0.0	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Aristostomias scintillans

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
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60.0 180.0	-	-	-	-	-	-	5.1	-	-	-	-	-
60.0 190.0	-	-	-	-	-	-	5.1	-	-	-	-	-
70.0 200.0	-	-	-	-	-	-	3.0	-	-	-	-	-
90.0 140.0	-	5.1	-	-	-	-	0.0	-	-	-	-	-
90.0 160.0	-	0.0	-	-	-	-	2.4	-	-	-	-	-
107.0 90.0	-	3.0	-	0.0	-	-	0.0	-	-	0.0	-	-

Bathophilus spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
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70.0 200.0	-	-	-	-	-	-	5.9	-	-	-	-	-
80.0 200.0	-	-	-	-	-	-	2.6	-	-	-	-	-
100.0 200.0	-	2.6	-	-	-	-	-	-	-	-	-	-

Eustomias spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
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80.0 200.0	-	-	-	-	-	-	2.6	-	-	-	-	-
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Photonectes spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
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60.0 180.0	-	-	-	-	-	-	5.1	-	-	-	-	-
60.0 190.0	-	-	-	-	-	-	5.1	-	-	-	-	-

Tactostoma macropus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
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60.0 120.0	-	-	-	-	-	-	14.7	-	-	-	-	-
80.0 80.0	0.0	-	-	0.0	-	0.0	-	-	-	3.1	-	-
80.0 100.0	0.0	-	-	-	-	3.0	-	-	-	-	-	-
90.0 70.0	-	0.0	-	0.0	-	-	0.0	-	-	5.9	-	-

Stomias atriventer

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
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60.0 160.0	-	-	-	-	-	-	8.4	-	-	-	-	-
90.0 100.0	-	0.0	-	0.0	-	-	3.0	-	-	0.0	-	-
90.0 200.0	-	2.5	-	-	-	-	0.0	-	-	-	-	-
93.0 28.0	-	3.4	-	0.0	-	-	0.0	-	-	0.0	-	-
93.0 50.0	-	3.3	-	0.0	-	-	0.0	-	-	0.0	-	-

TABLE 4. (cont.)

Stomias atriventer (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	32.0	3.1	-	0.0	-	-	0.0	-	-	0.0	-	-
97.0	40.0	6.4	-	0.0	-	-	0.0	-	-	0.0	-	-
97.0	70.0	3.2	-	0.0	-	-	0.0	-	-	0.0	-	-
100.0	60.0	2.8	-	0.0	-	-	0.0	-	-	0.0	-	-
100.0	80.0	2.6	-	3.0	-	-	0.0	-	-	0.0	-	-
103.0	60.0	2.9	-	0.0	-	-	0.0	-	-	0.0	-	-
103.0	65.0	6.2	-	6.0	-	-	0.0	-	-	0.0	-	-
103.0	70.0	2.8	-	0.0	-	-	0.0	-	-	0.0	-	-
103.0	80.0	6.1	-	0.0	-	-	0.0	-	-	0.0	-	-
103.0	90.0	3.1	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0	45.0	0.0	-	0.0	-	-	3.0	-	-	0.0	-	-
107.0	55.0	0.0	-	3.1	-	-	0.0	-	-	0.0	-	-
107.0	65.0	18.7	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0	70.0	8.6	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0	80.0	3.1	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0	90.0	3.0	-	0.0	-	-	0.0	-	-	0.0	-	-
110.0	65.0	2.7	-	0.0	-	-	0.0	-	-	0.0	-	-
110.0	70.0	0.0	-	0.0	-	-	2.5	-	-	0.0	-	-
110.0	80.0	2.7	-	0.0	-	-	0.0	-	-	0.0	-	-
110.0	90.0	3.0	-	0.0	-	-	0.0	-	-	0.0	-	-
110.0	100.0	3.0	-	-	-	-	-	-	-	-	-	-
113.0	55.0	0.0	-	0.0	-	-	3.0	-	-	0.0	-	-
113.0	65.0	9.1	-	0.0	-	-	-	-	-	0.0	-	-
113.0	70.0	2.9	-	0.0	-	-	0.0	-	-	0.0	-	-
113.0	80.0	9.1	-	0.0	-	-	0.0	-	-	0.0	-	-
113.0	90.0	7.4	-	0.0	-	-	0.0	-	-	-	-	-
117.0	45.0	8.5	-	0.0	-	-	0.0	-	-	0.0	-	-
117.0	50.0	0.0	-	0.0	-	-	0.0	-	-	2.9	-	-
117.0	60.0	5.8	-	0.0	-	-	0.0	-	-	0.0	-	-
117.0	65.0	5.8	-	0.0	-	-	0.0	-	-	0.0	-	-
117.0	80.0	6.1	-	3.2	-	-	0.0	-	-	0.0	-	-
117.0	90.0	9.1	-	3.2	-	-	0.0	-	-	0.0	-	-
120.0	45.0	0.0	-	0.0	-	-	5.8	-	-	0.0	-	-
120.0	50.0	0.0	-	0.0	-	-	11.6	-	-	2.9	-	-
120.0	55.0	0.0	-	0.0	-	-	11.6	-	-	0.0	-	-
120.0	60.0	0.0	-	0.0	-	-	5.5	-	-	0.0	-	-
120.0	65.0	6.2	-	0.0	-	-	0.0	-	-	0.0	-	-
120.0	70.0	8.2	-	0.0	-	-	0.0	-	-	0.0	-	-
120.0	80.0	2.7	-	0.0	-	-	0.0	-	-	0.0	-	-
120.0	90.0	8.4	-	0.0	-	-	2.5	-	-	-	-	-
120.0	100.0	5.3	-	-	-	-	-	-	-	-	-	-
123.0	55.0	0.0	-	0.0	-	-	0.0	-	-	2.9	-	-
123.0	70.0	0.0	-	0.0	-	-	0.0	-	-	2.9	-	-
127.0	45.0	3.0	-	0.0	-	-	-	0.0	-	0.0	-	-
127.0	50.0	5.7	-	0.0	-	-	-	0.0	-	0.0	-	-
127.0	55.0	11.4	-	3.1	-	-	-	0.0	-	0.0	-	-

TABLE 4. (cont.)

Stomias atriventer (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
127.0	60.0	0.0	-	6.0	-	-	-	0.0	-	0.0	-	-
127.0	65.0	15.8	-	0.0	-	-	-	0.0	-	-	-	-
127.0	80.0	14.4	-	-	-	-	0.0	-	-	-	-	-
130.0	35.0	0.0	-	3.4	-	-	0.0	-	-	0.0	-	-
130.0	40.0	20.1	-	0.0	-	-	0.0	-	-	0.0	-	-
130.0	45.0	0.0	-	6.6	-	-	0.0	-	-	0.0	-	-
130.0	55.0	2.8	-	0.0	-	-	0.0	-	-	0.0	-	-
130.0	60.0	2.7	-	0.0	-	-	0.0	-	-	0.0	-	-
130.0	80.0	5.5	-	-	-	-	0.0	-	-	-	-	-
130.0	100.0	2.9	-	-	-	-	-	-	-	-	-	-
130.0	120.0	5.3	-	-	-	-	-	-	-	-	-	-
133.0	40.0	14.8	-	0.0	-	-	-	0.0	-	0.0	-	-
133.0	45.0	2.9	-	3.3	-	-	-	0.0	-	0.0	-	-
133.0	50.0	2.7	-	0.0	-	-	-	0.0	-	0.0	-	-
133.0	60.0	2.6	-	0.0	-	-	-	0.0	-	0.0	-	-
133.0	65.0	2.7	-	0.0	-	-	-	0.0	-	-	-	-
137.0	35.0	2.4	-	0.0	-	-	0.0	-	-	0.0	-	-
137.0	40.0	0.0	-	0.0	-	-	5.4	-	-	0.0	-	-
137.0	45.0	0.0	-	0.0	-	-	2.7	-	-	0.0	-	-
137.0	50.0	0.0	-	0.0	-	-	2.8	-	-	0.0	-	-
137.0	55.0	0.0	-	0.0	-	-	2.5	-	-	-	-	-
140.0	40.0	0.0	-	-	-	-	5.5	-	-	-	-	-
140.0	45.0	0.0	-	-	-	-	-	-	-	-	-	-

Evermannellidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	200.0	-	-	-	-	-	5.2	-	-	-	-	-

Paralepididae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	100.0	-	-	-	-	-	5.7	-	-	-	-	-
60.0	120.0	0.0	-	-	-	-	2.9	-	-	-	-	-
60.0	180.0	-	-	-	-	-	5.1	-	-	-	-	-
60.0	190.0	-	-	-	-	-	2.5	-	-	-	-	-
80.0	200.0	-	-	-	-	-	2.6	-	-	-	-	-
97.0	70.0	0.0	-	0.0	-	-	0.0	-	-	9.2	-	-
97.0	90.0	0.0	-	0.0	-	-	-	-	-	3.0	-	-
100.0	60.0	0.0	-	0.0	-	-	2.6	-	-	0.0	-	-
100.0	80.0	0.0	-	0.0	-	-	3.0	-	-	0.0	-	-
107.0	35.0	0.0	-	0.0	-	-	2.8	-	-	0.0	-	-

TABLE 4. (cont.)

Lestidiops ringens

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	60.0	2.7	-	0.0	-	-	0.0	-	-	-	-	-
60.0	70.0	2.7	-	0.0	-	-	0.0	-	-	-	-	-
60.0	90.0	2.2	-	-	-	-	0.0	-	-	-	-	-
63.0	65.0	-	-	11.6	-	-	-	-	-	-	-	-
67.0	60.0	-	-	0.0	-	0.0	-	-	-	-	-	-
70.0	90.0	-	-	-	-	0.0	-	-	-	-	-	-
76.2	63.3	-	-	-	-	-	-	-	-	-	-	-
77.8	57.0	-	-	-	-	0.0	-	-	-	-	-	-
78.5	70.0	-	-	-	-	3.4	-	-	-	-	-	-
79.2	55.0	-	-	-	-	-	-	-	-	-	-	-
79.2	63.3	-	-	-	-	-	-	-	-	-	-	-
79.2	66.7	-	-	-	-	-	-	-	-	-	-	-
79.2	70.0	-	-	-	-	0.0	-	-	-	-	-	-
79.2	74.0	-	-	-	-	-	-	-	-	-	-	-
80.0	70.0	-	-	0.0	-	0.0	-	-	-	2.8	-	-
82.2	57.2	-	-	-	-	-	-	-	-	-	-	-
82.2	60.0	-	-	-	-	0.0	-	-	-	-	-	-
82.2	66.7	-	-	-	-	-	-	-	-	-	-	-
83.0	55.0	0.0	-	0.0	-	3.1	0.0	-	-	0.0	-	-
87.0	80.0	0.0	-	0.0	-	-	3.0	-	-	3.2	-	-
90.0	60.0	4.8	-	0.0	-	-	0.0	-	-	0.0	-	-
90.0	80.0	0.0	-	0.0	-	-	0.0	-	-	0.0	-	-
93.0	70.0	3.2	-	2.5	-	-	3.3	-	-	0.0	-	-
93.0	80.0	6.3	-	0.0	-	-	-	-	-	0.0	-	-
97.0	40.0	3.2	-	0.0	-	-	0.0	-	-	0.0	-	-
97.0	60.0	3.0	-	0.0	-	-	0.0	-	-	0.0	-	-
97.0	80.0	6.5	-	0.0	-	-	-	-	-	0.0	-	-
100.0	50.0	3.3	-	0.0	-	-	0.0	-	-	3.0	-	-
100.0	55.0	2.8	-	0.0	-	-	0.0	-	-	0.0	-	-
100.0	60.0	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
100.0	65.0	2.6	-	0.0	-	-	2.3	-	-	0.0	-	-
100.0	80.0	0.0	-	0.0	-	-	0.0	-	-	3.2	-	-
103.0	40.0	6.0	-	0.0	-	-	0.0	-	-	0.0	-	-
103.0	60.0	2.9	-	0.0	-	-	0.0	-	-	6.4	-	-
103.0	90.0	0.0	-	0.0	-	-	5.4	-	-	0.0	-	-
107.0	32.0	3.3	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0	50.0	2.6	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0	65.0	3.1	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0	80.0	0.0	-	0.0	-	-	0.0	-	-	3.1	-	-
107.0	90.0	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
110.0	40.0	2.8	-	0.0	-	-	0.0	-	-	0.0	-	-
110.0	45.0	0.0	-	0.0	-	-	2.7	-	-	3.1	-	-
110.0	50.0	0.0	-	0.0	-	-	2.5	-	-	0.0	-	-
110.0	55.0	0.0	-	3.4	-	-	0.0	-	-	6.2	-	-
110.0	65.0	0.0	-	0.0	-	-	0.0	-	-	6.0	-	-
113.0	55.0	0.0	-	0.0	-	-	6.0	-	-	0.0	-	-

TABLE 4. (cont.)

Lestidiops ringens (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0 80.0	-	3.0	-	0.0	-	-	0.0	-	-	0.0	-	-
117.0 40.0	-	0.0	-	0.0	-	-	0.0	-	-	3.2	-	-
117.0 50.0	-	2.9	-	0.0	-	-	0.0	-	-	0.0	-	-
118.0 39.0	-	0.0	-	0.0	-	-	0.0	-	-	3.1	-	-
120.0 50.0	-	0.0	-	0.0	-	-	3.1	-	-	0.0	-	-
120.0 65.0	-	0.0	-	3.2	-	-	0.0	-	-	0.0	-	-
120.0 80.0	-	0.0	-	0.0	-	-	2.7	-	-	-	-	-
137.0 45.0	-	0.0	-	0.0	-	-	0.0	-	-	2.8	-	-

Notolepis risso

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 120.0	-	-	-	-	-	-	2.9	-	-	-	-	-
60.0 190.0	-	-	-	-	-	-	2.5	-	-	-	-	-
78.5 70.0	2.8	-	-	-	-	0.0	-	-	-	-	-	-
85.0 60.0	-	-	-	-	-	2.7	-	-	-	-	-	-
90.0 160.0	-	0.0	-	-	-	-	2.4	-	-	-	-	-
90.0 200.0	-	0.0	-	-	-	-	2.5	-	-	-	-	-
110.0 50.0	-	0.0	-	0.0	-	-	2.5	-	-	0.0	-	-

Stemonosudis macrura

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0 180.0	-	2.5	-	-	-	-	-	-	-	-	-	-
103.0 90.0	-	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-

Sudis atrox

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0 160.0	-	0.0	-	-	-	-	2.4	-	-	-	-	-
90.0 180.0	-	0.0	-	-	-	-	2.7	-	-	-	-	-

Scopelosaurus spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 120.0	-	-	-	-	-	-	5.9	-	-	-	-	-
60.0 160.0	-	-	-	-	-	-	5.6	-	-	-	-	-
60.0 180.0	-	-	-	-	-	-	2.5	-	-	-	-	-
70.0 200.0	-	-	-	-	-	-	3.0	-	-	-	-	-
83.0 70.0	-	0.0	-	3.1	-	-	0.0	-	-	0.0	-	-
83.0 80.0	-	-	-	0.0	-	-	3.2	-	-	0.0	-	-
83.0 90.0	-	0.0	-	-	-	-	0.0	-	-	3.0	-	-

TABLE 4. (cont.)

Scopelosaurus spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0 80.0	-	0.0	-	5.5	-	-	0.0	-	-	0.0	-	-
90.0 140.0	-	0.0	-	-	-	-	2.7	-	-	-	-	-
97.0 90.0	-	0.0	-	0.0	-	-	-	-	-	3.0	-	-
100.0 50.0	-	16.7	-	0.0	-	-	2.5	-	-	0.0	-	-
103.0 80.0	-	0.0	-	2.9	-	-	0.0	-	-	0.0	-	-
107.0 90.0	-	0.0	-	0.0	-	-	0.0	-	-	12.2	-	-
117.0 40.0	-	0.0	-	0.0	-	-	3.1	-	-	0.0	-	-
127.0 34.0	-	0.0	-	2.6	-	-	-	0.0	-	0.0	-	-

Scopelarchidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 190.0	-	-	-	-	-	-	5.1	-	-	-	-	-
70.0 200.0	-	-	-	-	-	-	3.0	-	-	-	-	-
79.2 60.0	2.9	-	-	-	-	0.0	-	-	-	-	-	-
80.0 200.0	-	-	-	-	-	-	2.6	-	-	-	-	-
90.0 160.0	-	2.6	-	-	-	-	0.0	-	-	-	-	-
90.0 180.0	-	2.6	-	-	-	-	0.0	-	-	-	-	-
103.0 80.0	-	3.0	-	0.0	-	-	0.0	-	-	0.0	-	-
103.0 90.0	-	3.1	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0 80.0	-	0.0	-	0.0	-	-	0.0	-	-	3.1	-	-
110.0 40.0	-	2.8	-	0.0	-	-	0.0	-	-	0.0	-	-
110.0 120.0	-	2.8	-	-	-	-	-	-	-	-	-	-
113.0 55.0	-	0.0	-	6.5	-	-	0.0	-	-	0.0	-	-
113.0 70.0	-	0.0	-	0.0	-	-	0.0	-	-	2.8	-	-
113.0 80.0	-	0.0	-	0.0	-	-	2.9	-	-	0.0	-	-
117.0 70.0	-	0.0	-	0.0	-	-	0.0	-	-	2.8	-	-
117.0 90.0	-	0.0	-	0.0	-	-	2.9	-	-	-	-	-
120.0 70.0	-	2.7	-	0.0	-	-	0.0	-	-	0.0	-	-
130.0 60.0	-	0.0	-	3.4	-	-	0.0	-	-	0.0	-	-
130.0 100.0	-	2.9	-	-	-	-	-	-	-	-	-	-
133.0 40.0	-	0.0	-	0.0	-	-	-	0.0	-	-	-	-
133.0 65.0	-	2.7	-	0.0	-	-	-	0.0	-	3.2	-	-

Myctophidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 60.0	-	0.0	-	0.0	-	-	2.8	-	-	-	-	-
60.0 70.0	-	2.5	-	0.0	-	-	0.0	-	-	-	-	-
60.0 80.0	-	-	-	0.0	-	-	3.0	-	-	-	-	-
60.0 160.0	-	-	-	-	-	-	2.8	-	-	-	-	-
60.0 190.0	0.0	-	-	-	-	-	2.5	-	-	-	-	-
67.0 60.0	0.0	-	-	0.0	-	2.7	-	-	-	-	-	-
70.0 60.0	0.0	-	-	0.0	-	3.6	-	-	-	-	-	-

TABLE 4. (cont.)

Myctophidae (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0	70.0	0.0	-	0.0	-	2.8	-	-	-	-	-	-
70.0	80.0	0.0	-	0.0	-	9.1	-	-	-	-	-	-
70.0	200.0	-	-	-	-	-	5.9	-	-	-	-	-
73.0	49.4	0.0	-	0.2	-	0.0	-	-	-	-	-	-
73.0	53.0	0.0	-	3.2	-	2.8	-	-	-	-	-	-
73.0	65.0	-	-	6.0	-	-	-	-	-	-	-	-
77.0	60.0	0.0	-	2.9	-	0.0	-	-	-	-	-	-
77.2	60.0	2.9	-	-	-	0.0	-	-	-	-	-	-
79.2	60.0	2.9	-	-	-	-	-	-	-	-	-	-
80.0	60.0	0.0	-	0.0	-	9.1	-	-	-	0.0	-	-
80.0	60.0	0.0	-	0.0	-	0.0	-	-	-	2.8	-	-
80.0	70.0	0.0	-	0.0	-	2.5	-	-	-	0.0	-	-
80.0	80.0	0.0	-	-	-	2.8	-	-	-	3.1	-	-
80.0	90.0	0.0	-	-	-	-	-	-	-	-	-	-
80.0	120.0	11.3	-	-	-	-	7.8	-	-	-	-	-
80.0	200.0	-	-	-	-	-	-	-	-	-	-	-
80.8	63.3	6.4	-	-	-	-	-	-	-	-	-	-
82.2	55.0	-	-	-	-	2.7	-	-	-	-	-	-
82.2	65.0	-	-	-	-	2.3	-	-	-	-	-	-
83.0	65.0	0.0	-	3.0	-	0.0	0.0	-	-	0.0	-	-
83.0	70.0	0.0	-	3.1	-	0.0	0.0	-	-	0.0	-	-
83.0	90.0	0.0	-	-	-	-	6.3	-	-	-	-	-
85.0	41.5	-	-	-	-	7.4	-	-	-	-	-	-
87.0	34.0	4.1	-	0.0	-	-	0.0	-	-	0.0	-	-
87.0	45.0	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
87.0	70.0	2.9	-	0.0	-	-	0.0	-	-	0.0	-	-
87.0	80.0	0.0	-	0.0	-	-	9.5	-	-	0.0	-	-
87.0	80.0	2.7	-	0.0	-	-	-	-	-	0.0	-	-
90.0	32.0	2.7	-	0.0	-	-	3.0	-	-	-	-	-
90.0	80.0	-	-	-	-	-	11.0	-	-	-	-	-
90.0	120.0	0.0	-	-	-	-	-	-	-	-	-	-
90.0	140.0	0.0	-	-	-	-	0.0	-	-	-	-	-
90.0	160.0	2.6	-	-	-	-	0.0	-	-	-	-	-
90.0	180.0	0.0	-	-	-	-	2.5	-	-	-	-	-
90.0	200.0	2.5	-	-	-	-	0.0	-	-	-	-	-
93.0	45.0	0.0	-	2.9	-	-	-	-	-	0.0	-	-
93.0	80.0	0.0	-	0.0	-	-	-	-	-	2.9	-	-
93.0	80.0	0.0	-	0.0	-	-	7.3	-	-	0.0	-	-
97.0	30.0	3.1	-	0.0	-	-	0.0	-	-	0.0	-	-
97.0	32.0	0.0	-	0.0	-	-	0.0	-	-	0.0	-	-
97.0	45.0	6.2	-	2.9	-	-	0.0	-	-	0.0	-	-
97.0	55.0	0.0	-	8.4	-	-	0.0	-	-	0.0	-	-
97.0	60.0	0.0	-	5.8	-	-	9.4	-	-	0.0	-	-
97.0	65.0	0.0	-	0.0	-	-	3.2	-	-	0.0	-	-
97.0	70.0	0.0	-	0.0	-	-	-	-	-	0.0	-	-
97.0	80.0	6.5	-	0.0	-	-	-	-	-	0.0	-	-
97.0	90.0	0.0	-	0.0	-	-	0.0	-	-	3.0	-	-
100.0	30.0	3.0	-	3.0	-	-	0.0	-	-	0.0	-	-
100.0	40.0	-	-	0.0	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Myctophidae (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	50.0	0.0	-	0.0	-	-	10.1	-	-	6.0	-	-
100.0	55.0	0.0	-	2.9	-	-	0.0	-	-	0.0	-	-
100.0	60.0	2.8	-	0.0	-	-	7.9	-	-	0.0	-	-
100.0	70.0	2.7	-	0.0	-	-	8.0	-	-	3.1	-	-
100.0	80.0	0.0	-	0.0	-	-	14.9	-	-	6.4	-	-
100.0	90.0	0.0	-	0.0	-	-	10.4	-	-	0.0	-	-
100.0	120.0	5.7	-	-	-	-	-	-	-	-	-	-
100.0	160.0	5.2	-	-	-	-	-	-	-	-	-	-
100.0	180.0	2.5	-	-	-	-	-	-	-	-	-	-
100.0	200.0	25.8	-	-	-	-	-	-	-	-	-	-
103.0	28.5	0.0	-	0.0	-	-	0.0	-	-	0.4	-	-
103.0	45.0	3.0	-	0.0	-	-	-	-	-	0.0	-	-
103.0	50.0	0.0	-	0.0	-	-	18.8	-	-	0.0	-	-
103.0	55.0	6.3	-	0.0	-	-	3.0	-	-	0.0	-	-
103.0	60.0	0.0	-	0.0	-	-	9.1	-	-	0.0	-	-
103.0	65.0	0.0	-	0.0	-	-	0.0	-	-	3.2	-	-
103.0	90.0	0.0	-	0.0	-	-	19.0	-	-	0.0	-	-
107.0	35.0	0.0	-	3.2	-	-	0.0	-	-	0.0	-	-
107.0	42.0	0.0	-	0.0	-	-	5.6	-	-	0.0	-	-
107.0	45.0	0.0	-	0.0	-	-	12.2	-	-	0.0	-	-
107.0	55.0	0.0	-	0.0	-	-	11.2	-	-	8.8	-	-
107.0	60.0	3.0	-	0.0	-	-	9.1	-	-	0.0	-	-
107.0	65.0	0.0	-	0.0	-	-	3.0	-	-	0.0	-	-
107.0	70.0	2.8	-	5.9	-	-	0.0	-	-	0.0	-	-
107.0	80.0	3.1	-	6.5	-	-	0.0	-	-	3.1	-	-
107.0	90.0	3.0	-	3.0	-	-	18.1	-	-	0.0	-	-
110.0	35.0	0.0	-	0.0	-	-	3.3	-	-	0.0	-	-
110.0	40.0	0.0	-	0.0	-	-	3.6	-	-	3.0	-	-
110.0	45.0	0.0	-	0.0	-	-	8.0	-	-	9.4	-	-
110.0	50.0	0.0	-	3.4	-	-	0.0	-	-	0.0	-	-
110.0	55.0	0.0	-	0.0	-	-	38.8	-	-	3.1	-	-
110.0	60.0	0.0	-	0.0	-	-	37.6	-	-	0.0	-	-
110.0	65.0	0.0	-	0.0	-	-	13.4	-	-	0.0	-	-
110.0	70.0	0.0	-	24.2	-	-	27.1	-	-	0.0	-	-
110.0	80.0	0.0	-	0.0	-	-	14.2	-	-	3.2	-	-
110.0	90.0	3.0	-	0.0	-	-	0.0	-	-	3.1	-	-
110.0	120.0	8.3	-	-	-	-	-	-	-	-	-	-
113.0	45.0	0.0	-	0.0	-	-	-	-	-	2.9	-	-
113.0	50.0	0.0	-	0.0	-	-	41.9	-	-	0.0	-	-
113.0	55.0	3.3	-	-	-	-	11.9	-	-	0.0	-	-
113.0	65.0	6.1	-	16.7	-	-	-	-	-	0.0	-	-
113.0	70.0	5.8	-	-	-	-	2.9	-	-	0.0	-	-
113.0	80.0	3.0	-	3.1	-	-	20.1	-	-	8.7	-	-
113.0	90.0	7.4	-	0.0	-	-	5.8	-	-	-	-	-
117.0	24.8	0.3	-	0.0	-	-	0.0	-	-	0.0	-	-
117.0	25.0	1.7	-	0.0	-	-	0.0	-	-	0.0	-	-

TABLE 4. (cont.)

Myctophidae (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117-0	30.0	0.0	-	4.0	-	-	5.9	-	-	0.0	-	-
117-0	35.0	0.0	-	6.2	-	-	0.0	-	-	3.2	-	-
117-0	40.0	6.1	-	3.0	-	-	0.0	-	-	0.0	-	-
117-0	45.0	2.8	-	0.0	-	-	3.2	-	-	0.0	-	-
117-0	50.0	0.0	-	3.3	-	-	0.0	-	-	0.0	-	-
117-0	55.0	6.1	-	0.0	-	-	0.0	-	-	0.0	-	-
117-0	60.0	0.0	-	6.4	-	-	0.0	-	-	0.0	-	-
117-0	65.0	0.0	-	6.3	-	-	0.0	-	-	19.7	-	-
117-0	70.0	0.0	-	0.0	-	-	6.2	-	-	0.0	-	-
117-0	80.0	0.0	-	0.0	-	-	9.2	-	-	2.6	-	-
117-0	90.0	21.4	-	0.0	-	-	5.8	-	-	-	-	-
118-0	39.0	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
119-0	33.0	-	0.0	0.0	-	-	0.0	-	-	3.1	-	-
120-0	50.0	0.0	-	6.5	-	-	0.0	-	-	0.0	-	-
120-0	55.0	0.0	-	3.1	-	-	2.9	-	-	5.8	-	-
120-0	60.0	0.0	-	0.0	-	-	2.8	-	-	0.0	-	-
120-0	70.0	2.7	-	0.0	-	-	0.0	-	-	0.0	-	-
120-0	80.0	0.0	-	0.0	-	-	15.9	-	-	-	-	-
120-0	90.0	0.0	-	-	-	-	5.0	-	-	-	-	-
120-0	100.0	2.7	-	-	-	-	-	-	-	-	-	-
123-0	42.0	3.0	-	0.0	-	-	0.0	-	-	0.0	-	-
123-0	45.0	0.0	-	0.0	-	-	9.5	-	-	0.0	-	-
123-0	55.0	0.0	-	0.0	-	-	3.2	-	-	8.8	-	-
123-0	60.0	3.0	-	0.0	-	-	6.6	-	-	9.1	-	-
123-0	65.0	0.0	-	16.5	-	-	0.0	-	-	0.0	-	-
123-0	70.0	3.3	-	0.0	-	-	3.1	-	-	0.0	-	-
123-0	80.0	0.0	-	3.1	-	-	0.0	-	-	0.0	-	-
127-0	34.0	0.0	-	5.2	-	-	0.0	-	-	0.0	-	-
127-0	40.0	0.0	-	3.2	-	-	-	2.5	-	0.0	-	-
127-0	50.0	2.8	-	6.4	-	-	-	0.0	-	0.0	-	-
127-0	60.0	5.3	-	0.0	-	-	-	0.0	-	0.0	-	-
127-0	65.0	2.6	-	0.0	-	-	-	0.0	-	0.0	-	-
127-0	70.0	0.0	-	14.9	-	-	-	0.0	-	-	-	-
127-0	80.0	5.8	-	-	-	-	6.0	-	-	-	-	-
130-0	28.0	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
130-0	40.0	8.6	-	0.0	-	-	2.6	-	-	0.0	-	-
130-0	45.0	3.2	-	10.0	-	-	0.0	-	-	0.0	-	-
130-0	50.0	2.7	-	0.0	-	-	0.0	-	-	0.0	-	-
130-0	55.0	5.5	-	0.0	-	-	5.0	-	-	0.0	-	-
130-0	60.0	0.0	-	0.0	-	-	2.7	-	-	0.0	-	-
130-0	70.0	0.0	-	0.0	-	-	7.6	-	-	0.0	-	-
130-0	80.0	0.0	-	0.0	-	-	10.6	-	-	-	-	-
133-0	40.0	2.5	-	9.6	-	-	-	0.0	-	0.0	-	-
133-0	45.0	5.8	-	10.1	-	-	-	3.2	-	0.0	-	-
133-0	60.0	0.0	-	3.3	-	-	-	0.0	-	0.0	-	-
133-0	65.0	2.7	-	6.5	-	-	-	3.2	-	-	-	-

TABLE 4. (cont.)

Myctophidae (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
133.0	70.0	5.8	-	3.1	-	-	-	0.0	-	-	-	-
133.0	80.0	2.8	-	-	-	-	-	0.0	-	-	-	-
137.0	35.0	0.0	-	-	0.0	-	5.4	-	-	0.0	-	-
137.0	40.0	0.0	-	3.1	-	-	8.1	-	-	0.0	-	-
137.0	45.0	0.0	-	0.0	-	-	2.7	-	-	5.7	-	-
137.0	50.0	2.9	-	0.0	-	-	0.0	-	-	3.1	-	-
137.0	55.0	0.0	-	5.9	-	-	0.0	-	-	0.0	-	-
137.0	60.0	0.0	-	0.0	-	-	0.0	-	-	3.1	-	-
137.0	65.0	0.0	-	6.7	-	-	-	-	-	-	-	-
137.0	70.0	0.0	-	3.3	-	-	0.0	-	-	-	-	-
137.0	80.0	0.0	-	-	-	-	8.3	-	-	-	-	-
140.0	45.0	0.0	-	-	-	-	5.5	-	-	-	-	-
140.0	50.0	0.0	-	-	-	-	12.8	-	-	-	-	-

Ceratoscopelus townsendi

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	120.0	-	-	-	-	-	2.9	-	-	-	-	-
60.0	160.0	-	-	-	-	-	14.1	-	-	-	-	-
60.0	180.0	-	-	-	-	-	63.5	-	-	-	-	-
60.0	190.0	-	-	-	-	-	40.5	-	-	-	-	-
63.0	200.0	-	-	-	-	-	12.3	-	-	-	-	-
70.0	200.0	-	-	-	-	-	17.8	-	-	-	-	-
80.0	70.0	0.0	-	0.0	0.0	0.0	-	-	-	2.8	-	-
80.0	80.0	0.0	-	0.0	0.0	0.0	-	-	-	12.3	-	-
80.0	90.0	0.0	-	-	0.0	0.0	70.5	-	-	12.3	-	-
80.0	200.0	-	-	-	-	-	-	-	-	-	-	-
80.8	60.0	-	-	-	2.6	3.3	-	-	-	0.0	-	-
83.0	80.0	0.0	-	0.0	-	-	54.1	-	-	5.9	-	-
83.0	90.0	0.0	-	-	-	-	6.3	-	-	-	-	-
85.0	60.0	-	-	-	-	5.3	-	-	-	0.0	-	-
87.0	70.0	0.0	-	0.0	-	-	3.0	-	-	6.3	-	-
87.0	80.0	0.0	-	0.0	-	-	0.0	-	-	3.0	-	-
87.0	90.0	0.0	-	3.1	-	-	3.1	-	-	0.0	-	-
90.0	32.0	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
90.0	45.0	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
90.0	65.0	0.0	-	0.0	-	-	3.0	-	-	0.0	-	-
90.0	70.0	0.0	-	0.0	-	-	3.1	-	-	0.0	-	-
90.0	100.0	2.6	-	0.0	-	-	0.0	-	-	0.0	-	-
90.0	140.0	43.0	-	-	-	-	27.4	-	-	-	-	-
90.0	160.0	7.7	-	-	-	-	112.2	-	-	-	-	-
90.0	180.0	120.1	-	-	-	-	13.7	-	-	-	-	-
90.0	200.0	7.4	-	-	-	-	9.9	-	-	-	-	-
93.0	100.0	3.0	-	0.0	-	-	-	-	-	0.0	-	-

TABLE 4. (cont.)

Ceratoscopelus townsendi (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0 65.0	-	0.0	-	0.0	-	-	0.0	-	-	3.0	-	-
100.0 70.0	-	0.0	-	0.0	-	-	0.0	-	-	3.1	-	-
100.0 80.0	-	2.6	-	6.1	-	-	11.9	-	-	12.8	-	-
100.0 90.0	-	0.0	-	2.9	-	-	10.4	-	-	20.6	-	-
100.0 100.0	-	10.3	-	-	-	-	-	-	-	-	-	-
100.0 120.0	-	14.1	-	-	-	-	-	-	-	-	-	-
100.0 140.0	-	30.8	-	-	-	-	-	-	-	-	-	-
100.0 160.0	-	5.2	-	-	-	-	-	-	-	-	-	-
100.0 200.0	-	33.5	-	-	-	-	-	-	-	-	-	-
103.0 60.0	-	0.0	-	9.2	-	-	0.0	-	-	12.8	-	-
103.0 65.0	-	0.0	-	3.0	-	-	0.0	-	-	3.2	-	-
103.0 80.0	-	9.1	-	8.8	-	-	0.0	-	-	0.0	-	-
103.0 90.0	-	3.1	-	9.1	-	-	13.6	-	-	0.0	-	-
107.0 45.0	-	0.0	-	0.0	-	-	3.0	-	-	0.0	-	-
107.0 50.0	-	0.0	-	0.0	-	-	2.7	-	-	0.0	-	-
107.0 55.0	-	0.0	-	0.0	-	-	5.6	-	-	0.0	-	-
107.0 60.0	-	0.0	-	0.0	-	-	18.3	-	-	5.8	-	-
107.0 65.0	-	6.2	-	0.0	-	-	11.8	-	-	0.0	-	-
107.0 70.0	-	2.8	-	2.9	-	-	2.9	-	-	6.2	-	-
107.0 80.0	-	0.0	-	0.0	-	-	19.3	-	-	0.0	-	-
107.0 90.0	-	12.2	-	6.0	-	-	39.1	-	-	67.3	-	-
110.0 45.0	-	0.0	-	0.0	-	-	2.7	-	-	0.0	-	-
110.0 50.0	-	0.0	-	3.4	-	-	0.0	-	-	6.3	-	-
110.0 55.0	-	0.0	-	3.2	-	-	0.0	-	-	18.5	-	-
110.0 65.0	-	0.0	-	3.0	-	-	0.0	-	-	11.9	-	-
110.0 70.0	-	0.0	-	6.1	-	-	19.7	-	-	0.0	-	-
110.0 80.0	-	0.0	-	0.0	-	-	47.2	-	-	3.2	-	-
110.0 90.0	-	0.0	-	3.2	-	-	26.1	-	-	3.1	-	-
110.0 100.0	-	21.4	-	-	-	-	-	-	-	-	-	-
110.0 120.0	-	2.8	-	-	-	-	-	-	-	-	-	-
113.0 80.0	-	0.0	-	0.0	-	-	31.6	-	-	138.7	-	-
113.0 90.0	-	18.5	-	0.0	-	-	17.3	-	-	-	-	-
117.0 30.0	-	0.0	-	0.0	-	-	0.0	-	-	2.7	-	-
117.0 35.0	-	0.0	-	0.0	-	-	0.0	-	-	15.9	-	-
117.0 60.0	-	0.0	-	0.0	-	-	3.3	-	-	0.0	-	-
117.0 65.0	-	0.0	-	0.0	-	-	0.0	-	-	2.8	-	-
117.0 70.0	-	6.0	-	0.0	-	-	0.0	-	-	13.9	-	-
117.0 80.0	-	3.1	-	0.0	-	-	15.3	-	-	18.5	-	-
117.0 90.0	-	3.0	-	6.3	-	-	2.9	-	-	-	-	-
120.0 55.0	-	0.0	-	0.0	-	-	0.0	-	-	8.7	-	-
120.0 60.0	-	0.0	-	0.0	-	-	19.3	-	-	0.0	-	-
120.0 65.0	-	0.0	-	0.0	-	-	0.0	-	-	2.8	-	-
120.0 80.0	-	5.4	-	0.0	-	-	8.0	-	-	-	-	-
120.0 90.0	-	2.8	-	-	-	-	5.0	-	-	-	-	-
123.0 55.0	-	0.0	-	0.0	-	-	3.2	-	-	23.5	-	-

TABLE 4. (cont.)

Ceratoscopelus townsendi (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
123.0	60.0	0.0	-	0.0	-	-	0.0	-	-	57.6	-	-
123.0	65.0	0.0	-	0.0	-	-	6.3	-	-	54.9	-	-
123.0	70.0	0.0	-	0.0	-	-	0.0	-	-	43.5	-	-
123.0	80.0	0.0	-	3.1	-	-	0.0	-	-	-	-	-
127.0	55.0	-	-	3.1	-	-	-	3.1	-	0.0	-	-
127.0	60.0	2.7	-	3.1	-	-	-	0.0	-	0.0	-	-
127.0	65.0	0.0	-	3.1	-	-	-	3.2	-	-	-	-
127.0	70.0	6.1	-	8.9	-	-	-	0.0	-	-	-	-
127.0	80.0	0.0	-	-	-	-	12.0	-	-	-	-	-
130.0	35.0	0.0	-	0.0	-	-	9.1	-	-	0.0	-	-
130.0	45.0	0.0	-	0.0	-	-	2.5	-	-	0.0	-	-
130.0	50.0	0.0	-	0.0	-	-	2.5	-	-	0.0	-	-
130.0	55.0	0.0	-	0.0	-	-	0.0	-	-	8.4	-	-
130.0	60.0	0.0	-	3.4	-	-	2.7	-	-	0.0	-	-
130.0	70.0	0.0	-	0.0	-	-	10.2	-	-	-	-	-
130.0	80.0	0.0	-	-	-	-	34.3	-	-	-	-	-
130.0	90.0	0.0	-	-	-	-	7.4	-	-	-	-	-
130.0	100.0	5.8	-	-	-	-	-	-	-	-	-	-
133.0	70.0	0.0	-	0.0	-	-	-	3.1	-	-	-	-
133.0	80.0	0.0	-	0.0	-	-	-	3.1	-	-	-	-
137.0	40.0	0.0	-	0.0	-	-	2.7	-	-	0.0	-	-
137.0	45.0	0.0	-	0.0	-	-	0.0	-	-	2.8	-	-
137.0	80.0	5.4	-	-	-	-	0.0	-	-	-	-	-
140.0	50.0	0.0	-	-	-	-	2.6	-	-	-	-	-

Diaphus spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	60.0	0.0	-	0.0	-	-	38.9	-	-	-	-	-
60.0	80.0	0.0	-	0.0	-	-	3.0	-	-	-	-	-
60.0	100.0	0.0	-	-	-	-	51.5	-	-	-	-	-
60.0	120.0	-	-	-	-	-	8.8	-	-	-	-	-
60.0	160.0	-	-	-	-	-	2.8	-	-	-	-	-
60.0	180.0	-	-	-	-	-	10.2	-	-	-	-	-
60.0	190.0	-	-	-	-	-	10.1	-	-	-	-	-
63.0	52.0	-	-	0.0	-	1.9	-	-	-	-	-	-
63.0	200.0	-	-	-	-	-	3.1	-	-	-	-	-
67.0	55.0	-	-	0.0	-	20.6	-	-	-	-	-	-
67.0	60.0	0.0	-	0.0	-	8.1	-	-	-	-	-	-
70.0	53.0	0.0	-	0.0	-	2.5	-	-	-	-	-	-
70.0	60.0	0.0	-	0.0	-	3.6	-	-	-	-	-	-
70.0	70.0	0.0	-	0.0	-	11.3	-	-	-	-	-	-
70.0	80.0	0.0	-	0.0	-	97.6	-	-	-	-	-	-
73.0	65.0	-	-	3.0	-	-	-	-	-	-	-	-
76.2	70.0	0.0	-	-	-	11.3	-	-	-	-	-	-

TABLE 4. (cont.)

Diaphus spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0	51.0	0.0	—	0.0	—	10.8	—	—	—	—	—	—
77.0	60.0	0.0	—	0.0	—	2.8	—	—	—	—	—	—
77.0	70.0	0.0	—	0.0	—	11.0	—	—	—	—	—	—
77.8	53.0	—	—	—	—	2.3	—	—	—	—	—	—
77.8	60.0	0.0	—	—	—	2.8	—	—	—	—	—	—
77.8	70.0	0.0	—	—	—	11.5	—	—	—	—	—	—
78.5	57.5	—	—	—	—	3.1	—	—	—	—	—	—
78.5	60.0	—	—	—	—	2.8	—	—	—	—	—	—
78.5	75.0	—	—	—	—	3.1	—	—	—	—	—	—
80.0	65.0	—	—	0.0	—	7.7	—	—	—	0.0	—	—
80.0	70.0	—	—	0.0	—	3.3	—	—	—	0.0	—	—
80.0	75.0	—	—	—	—	10.7	—	—	—	9.2	—	—
80.0	80.0	—	—	0.0	—	0.0	—	—	—	3.1	—	—
80.0	90.0	—	—	—	—	5.6	—	—	—	—	—	—
80.0	100.0	—	—	—	—	35.9	—	—	—	—	—	—
80.0	200.0	—	—	—	—	—	7.8	—	—	—	—	—
80.8	60.0	—	—	—	—	5.2	—	—	—	—	—	—
80.8	70.0	—	—	—	—	22.9	—	—	—	—	—	—
81.5	55.0	—	—	—	—	2.8	—	—	—	—	—	—
81.5	60.0	—	—	—	—	9.9	—	—	—	—	—	—
81.5	65.0	—	—	—	—	3.2	—	—	—	—	—	—
82.2	53.5	—	—	—	—	2.8	—	—	—	—	—	—
82.2	60.0	—	—	—	—	1.9	—	—	—	—	—	—
82.2	65.0	—	—	—	—	2.3	—	—	—	—	—	—
83.0	55.0	—	—	—	—	3.1	0.0	—	—	0.0	—	—
83.0	60.0	0.0	—	0.0	—	0.0	2.9	—	—	0.0	—	—
83.0	65.0	0.0	—	3.0	—	0.0	0.0	—	—	0.0	—	—
83.0	70.0	0.0	—	0.0	—	—	10.1	—	—	0.0	—	—
83.0	80.0	0.0	—	3.0	—	—	35.0	—	—	0.0	—	—
85.0	55.0	—	—	—	—	25.6	—	—	—	—	—	—
87.0	60.0	—	—	—	—	—	18.4	—	—	0.0	—	—
87.0	65.0	0.0	—	0.0	—	—	16.0	—	—	3.3	—	—
87.0	70.0	0.0	—	0.0	—	—	12.1	—	—	3.2	—	—
87.0	80.0	0.0	—	0.0	—	—	12.0	—	—	5.9	—	—
87.0	90.0	0.0	—	0.0	—	—	0.0	—	—	0.0	—	—
90.0	65.0	0.0	—	0.0	—	—	23.6	—	—	0.0	—	—
90.0	70.0	0.0	—	0.0	—	—	18.6	—	—	5.9	—	—
90.0	90.0	0.0	—	0.0	—	—	3.3	—	—	0.0	—	—
90.0	100.0	0.0	—	0.0	—	—	3.0	—	—	2.9	—	—
90.0	120.0	0.0	—	—	—	—	3.0	—	—	—	—	—
90.0	140.0	0.0	—	—	—	—	2.7	—	—	—	—	—
90.0	160.0	0.0	—	—	—	—	2.4	—	—	—	—	—
90.0	200.0	0.0	—	—	—	—	2.5	—	—	—	—	—
93.0	65.0	—	—	0.0	—	—	6.3	—	—	0.0	—	—
93.0	80.0	—	—	0.0	—	—	—	—	—	5.8	—	—
97.0	40.0	—	—	0.0	—	—	3.1	—	—	0.0	—	—

TABLE 4. (cont.)

Diaphus spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0 45.0	-	0.0	-	0.0	-	-	0.0	-	-	3.1	-	-
97.0 55.0	-	0.0	-	0.0	-	-	0.0	-	-	5.7	-	-
97.0 60.0	-	0.0	-	0.0	-	-	3.3	-	-	0.0	-	-
97.0 65.0	-	0.0	-	0.0	-	-	3.1	-	-	0.0	-	-
97.0 70.0	-	0.0	-	0.0	-	-	0.0	-	-	3.1	-	-
97.0 80.0	-	0.0	-	0.0	-	-	-	-	-	2.9	-	-
100.0 40.0	-	0.0	-	0.0	-	-	0.0	-	-	8.8	-	-
100.0 45.0	-	0.0	-	0.0	-	-	3.0	-	-	0.0	-	-
100.0 50.0	-	0.0	-	0.0	-	-	10.1	-	-	0.0	-	-
100.0 55.0	-	0.0	-	0.0	-	-	2.1	-	-	0.0	-	-
100.0 65.0	-	0.0	-	0.0	-	-	2.3	-	-	0.0	-	-
100.0 70.0	-	0.0	-	0.0	-	-	0.0	-	-	6.2	-	-
100.0 80.0	-	0.0	-	0.0	-	-	20.9	-	-	3.2	-	-
100.0 140.0	-	2.8	-	-	-	-	-	-	-	-	-	-
103.0 55.0	-	0.0	-	0.0	-	-	3.0	-	-	15.7	-	-
103.0 80.0	-	0.0	-	0.0	-	-	3.1	-	-	0.0	-	-
103.0 90.0	-	0.0	-	0.0	-	-	2.7	-	-	0.0	-	-
107.0 40.0	-	0.0	-	0.0	-	-	0.0	-	-	5.8	-	-
107.0 45.0	-	0.0	-	0.0	-	-	3.0	-	-	0.0	-	-
107.0 55.0	-	0.0	-	0.0	-	-	0.0	-	-	2.9	-	-
107.0 90.0	-	0.0	-	0.0	-	-	3.0	-	-	0.0	-	-
110.0 35.0	-	0.0	-	0.0	-	-	6.7	-	-	0.0	-	-
110.0 40.0	-	0.0	-	0.0	-	-	3.6	-	-	0.0	-	-
110.0 45.0	-	0.0	-	0.0	-	-	0.0	-	-	3.1	-	-
110.0 50.0	-	0.0	-	0.0	-	-	0.0	-	-	6.3	-	-
110.0 65.0	-	0.0	-	0.0	-	-	0.0	-	-	3.0	-	-
110.0 90.0	-	0.0	-	0.0	-	-	2.6	-	-	0.0	-	-
117.0 45.0	-	0.0	-	0.0	-	-	3.2	-	-	0.0	-	-
123.0 55.0	-	0.0	-	0.0	-	-	0.0	-	-	2.9	-	-

Lampadena urophaos

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 180.0	-	-	-	-	-	-	7.6	-	-	-	-	-
63.0 200.0	-	-	-	-	-	-	6.2	-	-	-	-	-
80.0 200.0	-	-	-	-	-	-	20.9	-	-	-	-	-
90.0 160.0	-	0.0	-	-	-	-	4.9	-	-	-	-	-
90.0 200.0	-	0.0	-	-	-	-	5.0	-	-	-	-	-
107.0 80.0	-	0.0	-	0.0	-	-	13.8	-	-	0.0	-	-
107.0 90.0	-	0.0	-	0.0	-	-	9.0	-	-	3.1	-	-
110.0 50.0	-	0.0	-	0.0	-	-	2.5	-	-	0.0	-	-
110.0 90.0	-	0.0	-	0.0	-	-	7.8	-	-	3.1	-	-
113.0 80.0	-	0.0	-	0.0	-	-	0.0	-	-	8.7	-	-
113.0 90.0	-	0.0	-	0.0	-	-	5.8	-	-	-	-	-
117.0 80.0	-	0.0	-	0.0	-	-	0.0	-	-	2.6	-	-

TABLE 4. (cont.)

Lampadena urophaos (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	55.0	-	-	0.0	-	-	0.0	-	-	2.9	-	-
123.0	55.0	0.0	-	0.0	-	-	0.0	-	-	2.9	-	-
123.0	60.0	0.0	-	0.0	-	-	0.0	-	-	12.1	-	-
123.0	65.0	0.0	-	0.0	-	-	0.0	-	-	8.7	-	-
123.0	70.0	0.0	-	0.0	-	-	0.0	-	-	2.9	-	-
130.0	70.0	0.0	-	0.0	-	-	7.6	-	-	-	-	-
130.0	80.0	0.0	-	-	-	-	13.2	-	-	-	-	-
130.0	90.0	0.0	-	-	-	-	2.5	-	-	-	-	-
133.0	70.0	0.0	-	0.0	-	-	0.0	6.2	-	-	-	-
137.0	70.0	5.0	-	0.0	-	-	0.0	-	-	-	-	-
137.0	80.0	5.4	-	-	-	-	0.0	-	-	-	-	-

Lampanyctus spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	50.0	0.0	-	2.4	-	-	0.0	-	-	-	-	-
60.0	60.0	-	-	3.0	-	-	0.0	-	-	-	-	-
60.0	65.0	0.0	-	14.3	-	-	-	-	-	-	-	-
60.0	160.0	-	-	-	-	-	5.6	-	-	-	-	-
60.0	180.0	-	-	-	-	-	33.0	-	-	-	-	-
60.0	190.0	-	-	-	-	-	22.8	-	-	-	-	-
63.0	60.0	-	-	0.0	-	0.0	-	-	-	-	-	-
63.0	200.0	-	-	0.0	-	1.9	6.2	-	-	-	-	-
67.0	50.0	0.0	-	0.0	-	-	-	-	-	-	-	-
67.0	70.0	-	-	3.2	-	-	-	-	-	-	-	-
70.0	65.0	-	-	3.5	-	5.6	-	-	-	-	-	-
70.0	70.0	0.0	-	0.0	-	0.0	-	-	-	-	-	-
70.0	80.0	2.5	-	0.0	-	0.0	-	-	-	-	-	-
70.0	100.0	5.4	-	-	-	0.0	-	-	-	-	-	-
70.0	200.0	-	-	-	-	0.0	5.9	-	-	-	-	-
73.0	49.4	0.0	-	0.0	-	0.3	-	-	-	-	-	-
73.0	51.0	0.0	-	3.5	-	0.0	-	-	-	-	-	-
73.0	53.0	2.8	-	0.0	-	0.0	-	-	-	-	-	-
73.0	60.0	0.0	-	0.0	-	2.4	-	-	-	-	-	-
73.0	65.0	-	-	3.0	-	-	-	-	-	-	-	-
76.2	52.5	-	-	-	-	2.9	-	-	-	-	-	-
77.0	60.0	0.0	-	2.9	-	0.0	-	-	-	-	-	-
77.8	60.0	0.0	-	-	-	5.5	-	-	-	-	-	-
79.2	60.0	0.0	-	-	-	3.5	-	-	-	-	-	-
79.2	65.0	-	-	-	-	3.8	-	-	-	-	-	-
80.0	65.0	-	-	7.9	-	0.0	-	-	-	0.0	-	-
80.0	80.0	0.0	-	3.0	-	0.0	-	-	-	0.0	-	-
80.0	90.0	2.8	-	-	-	0.0	-	-	-	0.0	-	-
80.0	200.0	-	-	-	-	0.0	-	-	-	0.0	-	-
80.8	70.0	0.0	-	-	-	6.5	20.9	-	-	-	-	-

TABLE 4. (cont.)

Lampanyctus spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	60.0	0.0	-	3.2	-	0.0	0.0	-	-	0.0	-	-
83.0	65.0	0.0	-	9.1	-	0.0	0.0	-	-	0.0	-	-
83.0	80.0	0.0	-	3.0	-	0.0	0.0	-	-	0.0	-	-
87.0	80.0	0.0	-	0.0	-	17.7	6.0	-	-	0.0	-	-
90.0	65.0	0.0	-	0.0	-	9.3	17.7	-	-	0.0	-	-
90.0	70.0	0.0	-	0.0	-	2.7	9.3	-	-	0.0	-	-
90.0	140.0	2.5	-	-	-	12.2	2.7	-	-	-	-	-
90.0	160.0	0.0	-	-	-	8.2	12.2	-	-	-	-	-
90.0	180.0	4.9	-	-	-	9.9	8.2	-	-	-	-	-
90.0	200.0	6.8	-	-	-	0.0	9.9	-	-	0.0	-	-
93.0	28.0	0.0	-	14.3	-	0.0	0.0	-	-	0.0	-	-
93.0	45.0	0.0	-	0.0	-	0.0	0.0	-	-	3.2	-	-
93.0	55.0	0.0	-	0.0	-	-	0.0	-	-	3.1	-	-
93.0	90.0	0.0	-	0.0	-	-	-	-	-	5.6	-	-
93.0	100.0	3.3	-	0.0	-	-	6.1	-	-	0.0	-	-
97.0	35.0	3.2	-	5.3	-	0.0	0.0	-	-	0.0	-	-
97.0	40.0	0.0	-	19.7	-	0.0	0.0	-	-	0.0	-	-
97.0	60.0	0.0	-	0.0	-	-	3.1	-	-	0.0	-	-
97.0	65.0	0.0	-	0.0	-	-	0.0	-	-	2.9	-	-
100.0	30.0	0.0	-	0.0	-	-	3.0	-	-	0.0	-	-
100.0	40.0	0.0	-	0.0	-	-	2.5	-	-	0.0	-	-
100.0	50.0	0.0	-	0.0	-	-	2.1	-	-	0.0	-	-
100.0	55.0	0.0	-	0.0	-	-	2.7	-	-	0.0	-	-
100.0	70.0	0.0	-	0.0	-	-	3.0	-	-	6.4	-	-
100.0	80.0	0.0	-	0.0	-	-	2.6	-	-	0.0	-	-
100.0	90.0	0.0	-	0.0	-	-	-	-	-	-	-	-
100.0	140.0	5.6	-	-	-	-	-	-	-	-	-	-
100.0	180.0	5.2	-	-	-	-	-	-	-	-	-	-
100.0	200.0	1.4	-	-	-	-	-	-	-	-	-	-
103.0	30.0	2.8	-	0.0	-	-	0.0	-	-	0.0	-	-
103.0	35.0	0.0	-	15.5	-	-	0.0	-	-	0.0	-	-
103.0	40.0	0.0	-	0.0	-	-	0.0	-	-	0.0	-	-
103.0	50.0	0.0	-	0.0	-	-	3.1	-	-	0.0	-	-
103.0	55.0	0.0	-	15.4	-	-	0.0	-	-	0.0	-	-
103.0	70.0	0.0	-	0.0	-	-	3.0	-	-	0.0	-	-
103.0	80.0	0.0	-	0.0	-	-	3.1	-	-	0.0	-	-
103.0	90.0	0.0	-	9.1	-	-	2.7	-	-	0.0	-	-
107.0	55.0	0.0	-	3.2	-	-	0.0	-	-	2.9	-	-
107.0	80.0	0.0	-	6.0	-	-	0.0	-	-	0.0	-	-
107.0	90.0	0.0	-	0.0	-	-	3.0	-	-	3.1	-	-
110.0	40.0	0.0	-	0.0	-	-	3.6	-	-	0.0	-	-
110.0	50.0	0.0	-	0.0	-	-	2.6	-	-	6.3	-	-
110.0	55.0	0.0	-	0.0	-	-	0.0	-	-	0.0	-	-
110.0	65.0	5.5	-	0.0	-	-	0.0	-	-	3.0	-	-
110.0	80.0	0.0	-	3.3	-	-	2.4	-	-	0.0	-	-
110.0	90.0	0.0	-	0.0	-	-	2.6	-	-	0.0	-	-

TABLE 4. (cont.)

Lampanyctus spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0	40.0	3.1	-	0.0	-	-	2.9	-	-	0.0	-	-
113.0	70.0	2.9	-	3.2	-	-	0.0	-	-	0.0	-	-
113.0	80.0	3.0	-	3.1	-	-	2.9	-	-	0.0	-	-
117.0	26.0	3.6	-	0.0	-	-	0.0	-	-	0.0	-	-
117.0	60.0	0.0	-	3.2	-	-	0.0	-	-	0.0	-	-
117.0	65.0	2.9	-	0.0	-	-	0.0	-	-	0.0	-	-
117.0	80.0	3.1	-	0.0	-	-	0.0	-	-	0.0	-	-
117.0	90.0	0.0	-	3.2	-	-	0.0	-	-	0.0	-	-
120.0	80.0	13.5	-	0.0	-	-	2.7	-	-	-	-	-
120.0	90.0	8.4	-	-	-	-	7.5	-	-	-	-	-
120.0	120.0	2.8	-	-	-	-	-	-	-	-	-	-
123.0	36.0	0.0	-	0.0	-	-	0.9	-	-	0.0	-	-
123.0	45.0	6.3	-	0.0	-	-	0.0	-	-	0.0	-	-
123.0	55.0	0.0	-	3.3	-	-	3.2	-	-	0.0	-	-
123.0	60.0	0.0	-	0.0	-	-	0.0	-	-	6.1	-	-
123.0	65.0	3.4	-	9.9	-	-	0.0	-	-	0.0	-	-
123.0	70.0	9.9	-	6.4	-	-	0.0	-	-	2.9	-	-
127.0	34.0	0.0	-	0.0	-	-	2.5	-	-	0.0	-	-
127.0	50.0	0.0	-	0.0	-	-	0.0	-	-	2.7	-	-
127.0	55.0	5.7	-	0.0	-	-	-	-	-	0.0	-	-
127.0	60.0	18.7	-	0.0	-	-	-	-	-	0.0	-	-
127.0	65.0	10.5	-	3.1	-	-	-	-	-	0.0	-	-
127.0	70.0	6.1	-	17.8	-	-	-	-	-	6.3	-	-
130.0	25.5	0.0	-	1.4	-	-	0.0	-	-	0.0	-	-
130.0	35.0	0.0	-	0.0	-	-	2.3	-	-	0.0	-	-
130.0	45.0	0.0	-	0.0	-	-	0.0	-	-	3.0	-	-
130.0	55.0	0.0	-	0.0	-	-	2.5	-	-	0.0	-	-
130.0	60.0	0.0	-	0.0	-	-	5.4	-	-	0.0	-	-
130.0	65.0	-	-	9.6	-	-	-	-	-	-	-	-
130.0	70.0	20.0	-	18.8	-	-	2.5	-	-	-	-	-
130.0	80.0	8.3	-	-	-	-	21.1	-	-	-	-	-
130.0	90.0	12.9	-	-	-	-	12.4	-	-	-	-	-
130.0	100.0	8.7	-	-	-	-	-	-	-	-	-	-
130.0	120.0	5.3	-	-	-	-	-	-	-	-	-	-
133.0	60.0	2.6	-	0.0	-	-	-	-	-	0.0	-	-
133.0	65.0	16.4	-	3.3	-	-	-	-	-	0.0	-	-
133.0	70.0	20.3	-	9.2	-	-	-	-	-	6.2	-	-
133.0	80.0	2.8	-	-	-	-	-	-	-	-	-	-
137.0	40.0	0.0	-	0.0	-	-	2.7	-	-	0.0	-	-
137.0	45.0	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
137.0	50.0	0.0	-	0.0	-	-	2.7	-	-	0.0	-	-
137.0	55.0	0.0	-	2.9	-	-	0.0	-	-	0.0	-	-
137.0	60.0	0.0	-	0.0	-	-	0.0	-	-	6.1	-	-
137.0	70.0	2.5	-	3.3	-	-	0.0	-	-	-	-	-
140.0	45.0	0.0	-	-	-	-	16.4	-	-	-	-	-
140.0	50.0	5.1	-	-	-	-	5.1	-	-	-	-	-

TABLE 4. (cont.)

Lampanyctus regalis

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 70.0	-	0.0	-	0.0	-	-	12.4	-	-	-	-	-
60.0 90.0	-	0.0	-	-	-	-	6.0	-	-	-	-	-
60.0 120.0	-	-	-	-	-	-	2.9	-	-	-	-	-
67.0 55.0	0.0	-	-	0.0	-	5.9	-	-	-	-	-	-
73.0 60.0	0.0	-	-	0.0	-	2.9	-	-	-	-	-	-
77.8 70.0	0.0	-	-	-	-	2.8	-	-	-	-	-	-
78.5 70.0	0.0	-	-	-	-	3.8	-	-	-	0.0	-	-
80.0 65.0	-	-	-	0.0	-	0.0	-	-	-	3.1	-	-
80.0 90.0	0.0	-	-	0.0	-	-	-	-	-	0.0	-	-
83.0 70.0	-	0.0	-	0.0	-	7.7	3.4	-	-	-	-	-
85.0 55.0	-	-	-	-	-	2.7	-	-	-	-	-	-
85.0 60.0	-	-	-	-	-	-	-	-	-	-	-	-
87.0 60.0	-	0.0	-	0.0	-	-	3.7	-	-	0.0	-	-
87.0 65.0	-	0.0	-	0.0	-	-	3.2	-	-	0.0	-	-
93.0 60.0	-	0.0	-	0.0	-	-	3.4	-	-	0.0	-	-
93.0 70.0	-	0.0	-	0.0	-	-	3.3	-	-	0.0	-	-
97.0 55.0	-	0.0	-	0.0	-	-	3.4	-	-	0.0	-	-
100.0 50.0	-	0.0	-	0.0	-	-	2.5	-	-	0.0	-	-
100.0 120.0	-	5.7	-	-	-	-	-	-	-	-	-	-
103.0 80.0	-	0.0	-	5.9	-	-	0.0	-	-	0.0	-	-

Lampanyctus ritteri

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 55.0	0.0	-	-	0.0	-	-	4.5	-	-	-	-	-
60.0 60.0	-	2.7	-	0.0	-	-	11.1	-	-	-	-	-
60.0 80.0	-	5.1	-	0.0	-	-	0.0	-	-	-	-	-
60.0 90.0	-	2.2	-	-	-	-	3.0	-	-	-	-	-
60.0 100.0	-	0.0	-	-	-	-	5.7	-	-	-	-	-
60.0 120.0	-	-	-	-	-	-	26.4	-	-	-	-	-
67.0 47.3	0.0	-	-	0.0	-	0.5	-	-	-	-	-	-
67.0 55.0	0.0	-	-	0.0	-	17.7	-	-	-	-	-	-
67.0 60.0	8.2	-	-	0.0	-	10.8	-	-	-	-	-	-
70.0 51.0	0.0	-	-	0.0	-	2.8	-	-	-	-	-	-
70.0 53.0	0.0	-	-	0.0	-	5.0	-	-	-	-	-	-
70.0 70.0	6.1	-	-	0.0	-	0.0	-	-	-	-	-	-
70.0 80.0	0.0	-	-	0.0	-	3.0	-	-	-	-	-	-
70.0 90.0	0.0	-	-	-	-	6.2	-	-	-	-	-	-
73.0 60.0	0.0	-	-	9.3	-	12.0	-	-	-	-	-	-
73.0 70.0	0.0	-	-	9.4	-	-	-	-	-	-	-	-
76.2 70.0	0.0	-	-	-	-	5.7	-	-	-	-	-	-
77.0 49.0	0.0	-	-	1.0	-	0.0	-	-	-	-	-	-
77.0 51.0	0.0	-	-	0.0	-	5.4	-	-	-	-	-	-
77.0 55.0	0.0	-	-	2.5	-	0.0	-	-	-	-	-	-
77.0 70.0	0.0	-	-	0.0	-	4.4	-	-	-	-	-	-

TABLE 4. (cont.)

Lampanyctus ritteri (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0	80.0	-	-	3.1	-	31.7	-	-	-	-	-	-
77.8	70.0	5.5	-	-	-	0.0	-	-	-	-	-	-
79.2	70.0	2.9	-	-	-	8.5	-	-	-	-	-	-
79.2	75.0	-	-	-	-	3.0	-	-	-	0.0	-	-
80.0	60.0	0.0	-	0.0	-	9.9	-	-	-	0.0	-	-
80.0	70.0	0.0	-	2.9	-	0.0	-	-	-	3.1	-	-
80.0	80.0	0.0	-	0.0	-	5.6	-	-	-	9.2	-	-
80.0	90.0	0.0	-	-	-	26.9	-	-	-	-	-	-
80.0	100.0	0.0	-	-	-	2.6	-	-	-	-	-	-
80.8	60.0	-	-	-	-	3.3	-	-	-	-	-	-
80.8	65.0	-	-	-	-	5.0	-	-	-	-	-	-
81.5	60.0	-	-	-	-	6.2	-	-	-	-	-	-
83.0	55.0	0.0	-	0.0	-	7.7	0.0	-	-	0.0	-	-
83.0	65.0	0.0	-	0.0	-	6.2	3.2	-	-	0.0	-	-
83.0	70.0	8.0	-	0.0	-	22.3	6.8	-	-	0.0	-	-
83.0	80.0	0.0	-	0.0	-	-	22.3	-	-	0.0	-	-
83.0	90.0	10.7	-	-	-	3.2	-	-	-	5.9	-	-
85.0	55.0	-	-	-	-	2.6	-	-	-	-	-	-
85.0	60.0	-	-	-	-	28.2	-	-	-	-	-	-
87.0	45.0	-	-	-	-	8.0	-	-	-	-	-	-
87.0	55.0	0.0	-	0.0	-	-	2.7	-	-	0.0	-	-
87.0	70.0	5.5	-	0.0	-	-	0.0	-	-	0.0	-	-
87.0	80.0	2.9	-	0.0	-	-	3.0	-	-	0.0	-	-
87.0	90.0	2.7	-	2.8	-	-	3.0	-	-	0.0	-	-
87.0	90.0	8.8	-	6.3	-	-	3.1	-	-	0.0	-	-
90.0	37.0	0.0	-	0.0	-	-	0.0	-	-	3.0	-	-
90.0	60.0	7.2	-	0.0	-	-	2.7	-	-	0.0	-	-
90.0	65.0	2.7	-	0.0	-	-	8.9	-	-	0.0	-	-
90.0	70.0	2.7	-	27.0	-	-	27.9	-	-	3.0	-	-
90.0	80.0	13.7	-	5.5	-	-	0.0	-	-	0.0	-	-
90.0	90.0	0.0	-	6.1	-	-	0.0	-	-	0.0	-	-
90.0	100.0	2.6	-	0.0	-	-	0.0	-	-	0.0	-	-
93.0	30.0	12.2	-	0.0	-	-	0.0	-	-	0.0	-	-
93.0	35.0	0.0	-	2.7	-	-	0.0	-	-	0.0	-	-
93.0	40.0	3.7	-	0.0	-	-	0.0	-	-	0.0	-	-
93.0	45.0	3.4	-	0.0	-	-	0.0	-	-	0.0	-	-
93.0	50.0	0.0	-	2.7	-	-	0.0	-	-	0.0	-	-
93.0	65.0	5.9	-	0.0	-	-	0.0	-	-	0.0	-	-
93.0	70.0	15.8	-	0.0	-	-	0.0	-	-	0.0	-	-
93.0	80.0	3.2	-	0.0	-	-	0.0	-	-	0.0	-	-
93.0	90.0	3.0	-	2.7	-	-	-	-	-	0.0	-	-
93.0	100.0	0.0	-	11.6	-	-	-	-	-	0.0	-	-
97.0	28.6	0.3	-	-	-	-	-	-	-	-	-	-
97.0	35.0	0.0	-	2.7	-	-	0.0	-	-	0.0	-	-
97.0	40.0	19.1	-	0.0	-	-	0.0	-	-	0.0	-	-
97.0	45.0	6.2	-	0.0	-	-	0.0	-	-	0.0	-	-

TABLE 4. (cont.)

Lampanyctus ritteri (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	50.0	0.0	-	2.9	-	-	-	-	-	0.0	-	-
97.0	55.0	3.1	-	0.0	-	-	0.0	-	-	0.0	-	-
97.0	65.0	5.7	-	17.3	-	-	0.0	-	-	0.0	-	-
97.0	70.0	0.0	-	8.4	-	-	3.2	-	-	0.0	-	-
97.0	80.0	9.8	-	24.8	-	-	-	-	-	0.0	-	-
100.0	35.0	0.0	-	0.0	-	-	0.0	-	-	3.0	-	-
100.0	40.0	8.9	-	0.0	-	-	3.0	-	-	0.0	-	-
100.0	45.0	0.0	-	15.8	-	-	0.0	-	-	0.0	-	-
100.0	50.0	3.3	-	3.0	-	-	0.0	-	-	0.0	-	-
100.0	55.0	2.8	-	0.0	-	-	0.0	-	-	0.0	-	-
100.0	60.0	16.5	-	3.0	-	-	2.6	-	-	6.1	-	-
100.0	65.0	5.3	-	0.0	-	-	2.3	-	-	6.0	-	-
100.0	70.0	24.5	-	0.0	-	-	8.0	-	-	0.0	-	-
100.0	80.0	7.7	-	6.1	-	-	11.9	-	-	0.0	-	-
100.0	90.0	8.1	-	0.0	-	-	-	-	-	0.0	-	-
100.0	100.0	10.3	-	-	-	-	-	-	-	-	-	-
103.0	28.5	0.0	-	0.0	-	-	0.0	-	-	0.4	-	-
103.0	40.0	9.0	-	0.0	-	-	0.0	-	-	0.0	-	-
103.0	45.0	8.9	-	0.0	-	-	-	-	-	0.0	-	-
103.0	50.0	3.0	-	0.0	-	-	0.0	-	-	0.0	-	-
103.0	55.0	12.5	-	0.0	-	-	0.0	-	-	3.1	-	-
103.0	60.0	2.9	-	9.2	-	-	0.0	-	-	3.2	-	-
103.0	65.0	25.0	-	3.0	-	-	0.0	-	-	0.0	-	-
103.0	70.0	19.6	-	2.9	-	-	3.0	-	-	0.0	-	-
107.0	31.0	1.0	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0	32.0	0.0	-	6.4	-	-	0.0	-	-	0.0	-	-
107.0	40.0	3.5	-	23.7	-	-	0.0	-	-	0.0	-	-
107.0	50.0	0.0	-	3.1	-	-	0.0	-	-	0.0	-	-
107.0	55.0	0.0	-	0.0	-	-	2.8	-	-	0.0	-	-
107.0	60.0	0.0	-	0.0	-	-	6.1	-	-	0.0	-	-
107.0	65.0	28.1	-	0.0	-	-	3.0	-	-	0.0	-	-
107.0	70.0	11.4	-	2.9	-	-	0.0	-	-	0.0	-	-
107.0	80.0	18.4	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0	90.0	3.0	-	0.0	-	-	0.0	-	-	0.0	-	-
110.0	35.0	0.0	-	3.3	-	-	0.0	-	-	0.0	-	-
110.0	40.0	8.5	-	0.0	-	-	0.0	-	-	0.0	-	-
110.0	45.0	10.6	-	0.0	-	-	0.0	-	-	0.0	-	-
110.0	50.0	0.0	-	6.7	-	-	0.0	-	-	0.0	-	-
110.0	60.0	8.7	-	0.0	-	-	0.0	-	-	0.0	-	-
110.0	70.0	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
110.0	80.0	5.5	-	0.0	-	-	0.0	-	-	0.0	-	-
110.0	90.0	0.0	-	9.5	-	-	0.0	-	-	0.0	-	-
113.0	35.0	6.1	-	0.0	-	-	0.0	-	-	0.0	-	-
113.0	45.0	0.0	-	12.5	-	-	-	-	-	0.0	-	-
113.0	50.0	0.0	-	6.4	-	-	3.0	-	-	0.0	-	-
113.0	60.0	0.0	-	3.3	-	-	0.0	-	-	0.0	-	-

TABLE 4. (cont.)

Lampanyctus ritteri (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0	65.0	3.0	-	3.3	-	-	-	-	-	0.0	-	-
113.0	80.0	3.0	-	0.0	-	-	0.0	-	-	0.0	-	-
113.0	90.0	0.0	-	13.3	-	-	0.0	-	-	0.0	-	-
117.0	26.0	2.4	-	0.0	-	-	0.0	-	-	0.0	-	-
117.0	30.0	0.0	-	4.0	-	-	0.0	-	-	2.7	-	-
117.0	35.0	0.0	-	3.1	-	-	0.0	-	-	3.2	-	-
117.0	40.0	0.0	-	6.1	-	-	0.0	-	-	0.0	-	-
117.0	45.0	0.0	-	6.1	-	-	0.0	-	-	0.0	-	-
117.0	55.0	0.0	-	3.2	-	-	0.0	-	-	0.0	-	-
117.0	60.0	5.8	-	0.0	-	-	0.0	-	-	0.0	-	-
117.0	65.0	0.0	-	6.3	-	-	0.0	-	-	0.0	-	-
117.0	70.0	0.0	-	6.6	-	-	0.0	-	-	2.8	-	-
117.0	80.0	3.1	-	6.3	-	-	0.0	-	-	0.0	-	-
118.0	39.0	0.0	-	6.0	-	-	0.0	-	-	0.0	-	-
120.0	45.0	2.9	-	0.0	-	-	0.0	-	-	0.0	-	-
123.0	55.0	0.0	-	5.2	-	-	-	0.0	-	2.9	-	-
127.0	34.0	0.0	-	3.2	-	-	-	0.0	-	0.0	-	-
127.0	40.0	0.0	-	6.4	-	-	-	0.0	-	0.0	-	-
127.0	50.0	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
130.0	50.0	0.0	-	3.4	-	-	0.0	-	-	0.0	-	-
130.0	55.0	0.0	-	6.6	-	-	0.0	-	-	0.0	-	-
130.0	60.0	0.0	-	3.4	-	-	0.0	-	-	0.0	-	-
133.0	50.0	0.0	-	3.3	-	-	-	0.0	-	0.0	-	-
133.0	60.0	0.0	-	3.3	-	-	-	0.0	-	0.0	-	-

Notolichnus valdiviae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	180.0	-	-	-	-	-	10.2	-	-	-	-	-
60.0	190.0	-	-	-	-	-	2.5	-	-	-	-	-
80.0	200.0	-	-	-	-	-	18.3	-	-	-	-	-
90.0	160.0	0.0	-	-	-	-	2.4	-	-	-	-	-
90.0	180.0	2.6	-	-	-	-	2.7	-	-	-	-	-
100.0	120.0	2.8	-	-	-	-	-	-	-	-	-	-
100.0	160.0	5.2	-	-	-	-	-	-	-	-	-	-
100.0	180.0	2.5	-	-	-	-	-	-	-	-	-	-
100.0	200.0	10.3	-	-	-	-	-	-	-	-	-	-
103.0	55.0	0.0	-	6.2	-	-	0.0	-	-	0.0	-	-
103.0	60.0	0.0	-	3.1	-	-	0.0	-	-	0.0	-	-
103.0	65.0	0.0	-	6.3	-	-	0.0	-	-	0.0	-	-
107.0	55.0	0.0	-	3.2	-	-	0.0	-	-	0.0	-	-
107.0	80.0	0.0	-	6.0	-	-	0.0	-	-	0.0	-	-
107.0	90.0	0.0	-	6.0	-	-	-	3.2	-	0.0	-	-
127.0	70.0	0.0	-	0.0	-	-	-	3.2	-	-	-	-

TABLE 4. (cont.)

Notoscopelus resplendens

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 160.0	-	-	-	-	-	-	2.8	-	-	-	-	-
60.0 180.0	-	-	-	-	-	-	10.2	-	-	-	-	-
60.0 190.0	-	-	-	-	-	-	5.1	-	-	-	-	-
63.0 200.0	-	-	-	-	-	-	3.1	-	-	-	-	-
70.0 200.0	-	-	-	-	-	-	3.0	-	-	-	-	-
80.0 200.0	-	-	-	-	-	-	13.0	-	-	-	-	-
90.0 140.0	-	5.1	-	-	-	-	5.5	-	-	-	-	-
90.0 160.0	-	5.1	-	-	-	-	2.4	-	-	-	-	-
90.0 180.0	-	7.8	-	-	-	-	0.0	-	-	0.0	-	-
93.0 100.0	-	3.0	-	0.0	-	-	0.0	-	-	3.0	-	-
100.0 90.0	-	0.0	-	0.0	-	-	-	-	-	-	-	-
100.0 140.0	-	5.6	-	-	-	-	-	-	-	-	-	-
100.0 160.0	-	5.2	-	-	-	-	-	-	-	-	-	-
100.0 200.0	-	7.7	-	-	-	-	-	-	-	-	-	-
103.0 60.0	-	0.0	-	0.0	-	-	0.0	-	-	3.2	-	-
103.0 90.0	-	3.1	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0 45.0	-	0.0	-	0.0	-	-	3.0	-	-	0.0	-	-
107.0 65.0	-	3.1	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0 90.0	-	0.0	-	0.0	-	-	3.0	-	-	0.0	-	-
110.0 80.0	-	0.0	-	0.0	-	-	-	-	-	0.0	-	-
113.0 65.0	-	6.1	-	0.0	-	-	7.1	-	-	-	-	-
113.0 70.0	-	2.9	-	0.0	-	-	0.0	-	-	0.0	-	-
113.0 80.0	-	3.0	-	0.0	-	-	8.6	-	-	0.0	-	-
117.0 26.0	-	1.2	-	0.0	-	-	0.0	-	-	0.0	-	-
117.0 90.0	-	0.0	-	6.3	-	-	0.0	-	-	0.0	-	-
120.0 50.0	-	0.0	-	0.0	-	-	0.0	-	-	2.9	-	-
120.0 65.0	-	0.0	-	0.0	-	-	2.6	-	-	0.0	-	-
123.0 65.0	-	0.0	-	0.0	-	-	0.0	-	-	2.9	-	-
123.0 70.0	-	0.0	-	0.0	-	-	0.0	-	-	2.9	-	-
127.0 40.0	-	0.0	-	3.2	-	-	0.0	0.0	-	0.0	-	-
130.0 50.0	-	8.1	-	3.4	-	-	0.0	-	-	0.0	-	-
130.0 60.0	-	2.8	-	-	-	-	0.0	-	-	0.0	-	-
130.0 80.0	-	0.0	-	-	-	-	0.0	-	-	-	-	-
130.0 90.0	-	14.5	-	-	-	-	7.4	-	-	-	-	-

Stenobrachius leucopsarus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 51.0	40.9	-	-	0.0	-	-	0.0	-	-	-	-	-
60.0 52.0	3.2	-	-	0.0	-	-	0.0	-	-	-	-	-
60.0 55.0	13.1	-	-	0.0	-	-	2.3	-	-	-	-	-
60.0 60.0	-	148.0	-	3.0	-	-	97.3	-	-	-	-	-
60.0 65.0	-	-	-	14.3	-	-	-	-	-	-	-	-
60.0 70.0	-	58.3	-	6.1	-	-	49.6	-	-	-	-	-

TABLE 4. (cont.)

Stenobrachius leucopsarus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	80.0			6.5			0.0					
60.0	90.0	0.0					0.0					
63.0	49.7	4.5										
63.0	50.0											
63.0	51.0	1.3		0.0								
63.0	51.0	3.1		0.0		0.0						
63.0	52.0	29.4		0.0		0.0						
63.0	55.0	438.5		12.9								
63.0	60.0	422.3		5.9		2.9						
63.0	65.0			11.6								
63.0	70.0			6.0								
63.0	80.0			3.3								
67.0	47.3			0.5		0.0						
67.0	49.0	0.7		0.0		1.7						
67.0	50.0	10.6		18.8		17.4						
67.0	55.0	140.5		25.3		67.8						
67.0	60.0	80.6		36.1		2.7						
67.0	65.0	390.4		42.8								
67.0	70.0			70.8								
67.0	80.0			3.5								
70.0	50.0			22.6								
70.0	51.0	62.6		34.6		0.0						
70.0	52.0	72.3		89.7		0.0						
70.0	53.0	92.7		33.5		22.5						
70.0	60.0	101.4		148.0		0.0						
70.0	65.0	31.5		48.7								
70.0	70.0			16.6		11.3						
70.0	80.0	24.4		0.0		27.4						
70.0	90.0	2.5				0.0						
70.0	100.0	33.9				0.0						
70.0	16.3	16.3										
70.0	120.0	24.8										
73.0	49.4	0.0		0.6								
73.0	50.0	1.6		59.4		0.3						
73.0	51.0	16.3		116.5		4.3						
73.0	53.0	56.4		99.8		2.1						
73.0	60.0	86.4		112.0		0.0						
73.0	65.0			51.0		19.1						
73.0	70.0			147.1								
76.2	49.8	15.5										
76.2	50.0					5.4						
76.2	52.2	25.1				26.1						
76.2	52.5											
76.2	54.6	42.2										
76.2	55.5					5.5						
76.2	57.0	51.0										
76.2	60.0	10.7				8.1						
76.2	63.3	60.5										

TABLE 4. (cont.)

Stenobrachius leucopsarus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
76.2	65.0	-	-	-	-	2.9	-	-	-	-	-	-
76.2	66.7	10.7	-	-	-	-	-	-	-	-	-	-
76.2	70.0	53.6	-	-	-	8.5	-	-	-	-	-	-
77.0	48.0	1.0	-	-	-	0.5	-	-	-	-	-	-
77.0	49.0	12.2	-	46.8	-	0.0	-	-	-	-	-	-
77.0	51.0	49.0	-	29.1	-	43.0	-	-	-	-	-	-
77.0	52.9	51.5	-	-	-	-	-	-	-	-	-	-
77.0	53.0	-	-	-	-	9.0	-	-	-	-	-	-
77.0	55.0	55.3	-	166.3	-	0.0	-	-	-	-	-	-
77.0	57.0	-	-	149.5	-	-	-	-	-	-	-	-
77.0	57.6	17.1	-	-	-	-	-	-	-	-	-	-
77.0	60.0	18.2	-	80.9	-	13.9	-	-	-	-	-	-
77.0	63.3	35.4	-	-	-	-	-	-	-	-	-	-
77.0	65.0	-	-	36.4	-	5.6	-	-	-	-	-	-
77.0	66.7	21.5	-	-	-	-	-	-	-	-	-	-
77.0	70.0	44.2	-	9.5	-	22.0	-	-	-	-	-	-
77.0	80.0	-	-	46.6	-	-	-	-	-	-	-	-
77.8	53.0	-	-	-	-	16.2	-	-	-	-	-	-
77.8	54.0	31.2	-	-	-	-	-	-	-	-	-	-
77.8	55.0	-	-	-	-	5.2	-	-	-	-	-	-
77.8	57.0	25.5	-	-	-	-	-	-	-	-	-	-
77.8	60.0	13.5	-	-	-	13.9	-	-	-	-	-	-
77.8	63.3	28.0	-	-	-	-	-	-	-	-	-	-
77.8	65.0	-	-	-	-	16.6	-	-	-	-	-	-
77.8	66.7	72.3	-	-	-	-	-	-	-	-	-	-
77.8	70.0	235.6	-	-	-	23.0	-	-	-	-	-	-
78.5	54.5	18.9	-	-	-	-	-	-	-	-	-	-
78.5	55.0	-	-	-	-	23.8	-	-	-	-	-	-
78.5	57.2	22.3	-	-	-	-	-	-	-	-	-	-
78.5	57.5	-	-	-	-	3.1	-	-	-	-	-	-
78.5	60.0	28.2	-	-	-	0.0	-	-	-	-	-	-
78.5	63.3	58.0	-	-	-	-	-	-	-	-	-	-
78.5	65.0	-	-	-	-	3.0	-	-	-	-	-	-
78.5	66.7	25.3	-	-	-	-	-	-	-	-	-	-
78.5	70.0	85.6	-	-	-	0.0	-	-	-	-	-	-
78.5	74.0	8.0	-	-	-	-	-	-	-	-	-	-
78.5	75.0	-	-	-	-	3.1	-	-	-	-	-	-
79.2	52.6	20.9	-	-	-	-	-	-	-	-	-	-
79.2	53.0	-	-	-	-	16.6	-	-	-	-	-	-
79.2	54.4	12.6	-	-	-	-	-	-	-	-	-	-
79.2	55.0	-	-	-	-	13.5	-	-	-	-	-	-
79.2	57.3	45.6	-	-	-	-	-	-	-	-	-	-
79.2	60.0	26.5	-	-	-	7.1	-	-	-	-	-	-
79.2	63.3	62.9	-	-	-	-	-	-	-	-	-	-
79.2	65.0	-	-	-	-	3.8	-	-	-	-	-	-
79.2	66.7	66.9	-	-	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

Stenobrachius leucopsarus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
79.2	70.0	-	-	-	-	3.7	-	-	-	-	-	-
79.2	74.0	-	-	-	-	4.2	-	-	-	-	-	-
79.2	75.0	-	-	-	-	0.0	-	-	-	0.0	-	-
80.0	50.2	-	-	-	-	0.0	-	-	-	0.0	-	-
80.0	51.0	-	-	28.2	-	0.0	-	-	-	0.0	-	-
80.0	52.0	-	-	17.9	-	0.0	-	-	-	0.0	-	-
80.0	53.0	-	-	-	-	0.0	-	-	-	0.0	-	-
80.0	55.0	-	-	80.8	-	3.2	-	-	-	-	-	-
80.0	57.5	-	-	-	-	-	-	-	-	-	-	-
80.0	60.0	-	-	3.1	-	12.1	-	-	-	0.0	-	-
80.0	63.3	-	-	-	-	-	-	-	-	-	-	-
80.0	65.0	-	-	31.6	-	15.3	-	-	-	0.0	-	-
80.0	66.7	-	-	-	-	-	-	-	-	-	-	-
80.0	70.0	-	-	14.4	-	6.6	-	-	-	0.0	-	-
80.0	74.0	-	-	-	-	-	-	-	-	-	-	-
80.0	75.0	-	-	-	-	17.9	-	-	-	-	-	-
80.0	80.0	-	-	29.5	-	0.0	-	-	-	0.0	-	-
80.0	90.0	-	-	-	-	5.6	-	-	-	0.0	-	-
80.0	100.0	-	-	-	-	0.0	-	-	-	-	-	-
80.8	51.0	-	-	-	-	-	-	-	-	-	-	-
80.8	54.0	-	-	-	-	-	-	-	-	-	-	-
80.8	55.0	-	-	-	-	13.2	-	-	-	-	-	-
80.8	57.0	-	-	-	-	-	-	-	-	-	-	-
80.8	60.0	-	-	-	-	31.0	-	-	-	-	-	-
80.8	63.3	-	-	-	-	-	-	-	-	-	-	-
80.8	66.7	-	-	-	-	-	-	-	-	-	-	-
80.8	70.0	-	-	-	-	9.8	-	-	-	-	-	-
81.5	45.2	-	-	-	-	0.0	-	-	-	-	-	-
81.5	46.1	-	-	-	-	-	-	-	-	-	-	-
81.5	48.4	-	-	-	-	-	-	-	-	-	-	-
81.5	50.0	-	-	-	-	3.2	-	-	-	-	-	-
81.5	50.4	-	-	-	-	-	-	-	-	-	-	-
81.5	55.0	-	-	-	-	11.1	-	-	-	-	-	-
81.5	57.0	-	-	-	-	-	-	-	-	-	-	-
81.5	60.0	-	-	-	-	0.0	-	-	-	-	-	-
81.5	63.3	-	-	-	-	-	-	-	-	-	-	-
82.0	47.0	-	-	-	-	-	3.1	-	-	-	-	-
82.0	43.5	36.8	-	66.4	-	-	-	-	-	0.0	-	-
82.2	47.0	-	-	-	-	5.4	-	-	-	-	-	-
82.2	54.3	-	-	-	-	-	-	-	-	-	-	-
82.2	55.0	-	-	-	-	8.2	-	-	-	-	-	-
82.2	57.2	-	-	-	-	-	-	-	-	-	-	-
82.2	60.0	-	-	-	-	17.1	-	-	-	-	-	-
82.2	63.3	-	-	-	-	-	-	-	-	-	-	-
82.2	65.0	-	-	-	-	20.9	-	-	-	-	-	-
82.2	66.7	-	-	-	-	-	-	-	-	-	-	-
82.2	16.2	-	-	-	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

Stenobrachius leucopsarus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	39.0	0.8	-	0.0	-	0.0	0.0	-	-	0.0	-	-
83.0	40.0	0.0	-	0.0	-	0.0	0.0	-	-	0.0	-	-
83.0	42.0	-	-	-	-	-	-	-	-	-	-	-
83.0	43.0	12.5	-	102.6	-	-	0.0	-	-	0.0	-	-
83.0	44.3	4.6	-	102.8	-	2.8	0.0	-	-	0.0	-	-
83.0	51.0	12.3	-	-	-	3.1	0.0	-	-	0.0	-	-
83.0	52.9	43.7	-	93.3	-	5.9	2.9	-	-	0.0	-	-
83.0	55.0	5.3	-	69.4	-	-	-	-	-	0.0	-	-
83.0	60.0	12.6	-	-	-	3.9	0.0	-	-	0.0	-	-
83.0	63.3	15.0	-	-	-	-	0.0	-	-	0.0	-	-
83.0	65.0	81.8	-	73.0	-	-	0.0	-	-	0.0	-	-
83.0	70.0	74.2	-	12.4	-	-	6.4	-	-	0.0	-	-
83.0	80.0	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
83.0	90.0	32.0	-	-	-	9.9	-	-	-	-	-	-
83.4	41.0	-	-	-	-	2.9	-	-	-	-	-	-
83.8	40.0	-	-	-	-	6.4	-	-	-	-	-	-
83.8	45.0	-	-	-	-	5.1	-	-	-	-	-	-
83.8	48.0	-	-	-	-	3.8	-	-	-	-	-	-
85.0	39.0	-	-	-	-	2.2	-	-	-	-	-	-
85.0	43.0	-	-	-	-	11.2	-	-	-	-	-	-
85.0	49.0	-	-	-	-	10.3	-	-	-	-	-	-
85.0	53.0	-	-	-	-	23.0	-	-	-	-	-	-
85.0	55.0	-	-	-	-	-	-	-	-	-	-	-
87.0	32.5	1.2	-	0.0	-	-	0.0	-	-	0.0	-	-
87.0	33.0	74.8	-	1.9	-	-	0.0	-	-	0.0	-	-
87.0	34.0	78.9	-	1.9	-	-	0.0	-	-	0.0	-	-
87.0	35.0	8.2	-	44.6	-	-	0.0	-	-	0.0	-	-
87.0	40.0	54.0	-	27.7	-	-	0.0	-	-	0.0	-	-
87.0	45.0	4.7	-	11.8	-	-	0.0	-	-	0.0	-	-
87.0	50.0	-	-	85.8	-	-	0.0	-	-	0.0	-	-
87.0	55.0	0.0	-	35.3	-	-	0.0	-	-	0.0	-	-
87.0	60.0	10.1	-	0.0	-	-	3.7	-	-	0.0	-	-
87.0	65.0	2.7	-	14.0	-	-	6.4	-	-	0.0	-	-
87.0	70.0	2.9	-	9.5	-	-	3.0	-	-	0.0	-	-
87.0	80.0	5.4	-	30.4	-	-	0.0	-	-	0.0	-	-
87.0	80.0	26.3	-	15.7	-	-	0.0	-	-	0.0	-	-
90.0	28.0	55.7	-	0.0	-	-	0.0	-	-	0.0	-	-
90.0	32.0	27.1	-	83.2	-	-	3.2	-	-	0.0	-	-
90.0	37.0	10.1	-	35.8	-	-	0.0	-	-	0.0	-	-
90.0	45.0	0.0	-	14.9	-	-	0.0	-	-	0.0	-	-
90.0	53.0	0.0	-	3.1	-	-	0.0	-	-	0.0	-	-
90.0	60.0	9.6	-	5.9	-	-	5.4	-	-	0.0	-	-
90.0	65.0	2.7	-	0.0	-	-	3.0	-	-	0.0	-	-
90.0	70.0	2.7	-	102.0	-	-	3.1	-	-	0.0	-	-
90.0	80.0	32.8	-	41.4	-	-	0.0	-	-	0.0	-	-
90.0	90.0	0.0	-	6.1	-	-	0.0	-	-	0.0	-	-

TABLE 4. (cont.)

Stenobrachius leucopsarus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	27.0	52.8	-	1.4	-	-	0.0	-	-	0.0	-	-
93.0	28.0	54.2	-	52.6	-	-	0.0	-	-	0.0	-	-
93.0	30.0	30.5	-	84.0	-	-	2.6	-	-	0.0	-	-
93.0	35.0	22.6	-	108.4	-	-	0.0	-	-	0.0	-	-
93.0	40.0	7.4	-	2.9	-	-	0.0	-	-	0.0	-	-
93.0	45.0	0.0	-	25.7	-	-	0.0	-	-	0.0	-	-
93.0	55.0	6.7	-	11.1	-	-	0.0	-	-	0.0	-	-
93.0	60.0	0.0	-	3.1	-	-	0.0	-	-	0.0	-	-
93.0	65.0	20.6	-	0.0	-	-	0.0	-	-	0.0	-	-
93.0	70.0	15.8	-	0.0	-	-	0.0	-	-	0.0	-	-
93.0	80.0	6.3	-	56.0	-	-	-	-	-	0.0	-	-
97.0	29.0	0.0	-	0.5	-	-	0.0	-	-	0.0	-	-
97.0	30.0	1.8	-	0.0	-	-	0.0	-	-	0.0	-	-
97.0	32.0	34.5	-	8.4	-	-	0.0	-	-	0.0	-	-
97.0	35.0	0.0	-	8.1	-	-	6.1	-	-	0.0	-	-
97.0	40.0	0.0	-	7.9	-	-	0.0	-	-	0.0	-	-
97.0	60.0	0.0	-	30.9	-	-	0.0	-	-	0.0	-	-
97.0	65.0	0.0	-	66.2	-	-	0.0	-	-	0.0	-	-
97.0	70.0	0.0	-	5.6	-	-	0.0	-	-	0.0	-	-
97.0	80.0	0.0	-	68.8	-	-	-	-	-	0.0	-	-
97.0	90.0	0.0	-	16.3	-	-	-	-	-	0.0	-	-
100.0	29.0	0.0	-	18.5	-	-	2.8	-	-	0.0	-	-
100.0	30.0	0.0	-	24.2	-	-	2.9	-	-	0.0	-	-
100.0	35.0	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
100.0	40.0	0.0	-	6.2	-	-	0.0	-	-	0.0	-	-
100.0	45.0	3.1	-	12.6	-	-	0.0	-	-	0.0	-	-
100.0	50.0	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
100.0	55.0	0.0	-	2.9	-	-	0.0	-	-	0.0	-	-
100.0	70.0	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
100.0	80.0	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
103.0	30.0	0.0	-	0.0	-	-	2.3	-	-	0.0	-	-
103.0	40.0	0.0	-	40.3	-	-	0.0	-	-	0.0	-	-
103.0	45.0	0.0	-	3.1	-	-	-	-	-	0.0	-	-
103.0	55.0	0.0	-	3.1	-	-	0.0	-	-	0.0	-	-
107.0	35.0	0.0	-	6.0	-	-	0.0	-	-	0.0	-	-
107.0	40.0	0.0	-	16.9	-	-	0.0	-	-	0.0	-	-
107.0	55.0	0.0	-	3.1	-	-	0.0	-	-	0.0	-	-
117.0	30.0	0.0	-	4.0	-	-	0.0	-	-	0.0	-	-

Triphoturus mexicanus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
76.2	70.0	-	-	-	-	2.8	-	-	-	-	-	-
83.0	43.0	0.0	-	0.0	-	-	6.1	-	-	3.3	-	-
83.0	55.0	0.0	-	0.0	-	0.0	0.0	-	-	3.3	-	-

TABLE 4. (cont.)

Triphoturus mexicanus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	60.0	0.0	-	0.0	-	0.0	2.9	-	-	0.0	-	-
85.0	39.0	-	-	-	-	7.7	-	-	-	-	-	-
85.0	49.0	-	-	-	-	2.8	-	-	-	-	-	-
87.0	35.0	0.0	-	0.0	-	-	2.0	-	-	3.3	-	-
87.0	40.0	0.0	-	0.0	-	-	0.0	-	-	2.9	-	-
87.0	45.0	0.0	-	0.0	-	-	2.7	-	-	9.8	-	-
87.0	50.0	-	-	0.0	-	-	0.0	-	-	2.6	-	-
87.0	90.0	0.0	-	0.0	-	-	0.0	-	-	0.0	-	-
90.0	28.0	0.0	-	0.0	-	-	2.6	-	-	0.0	-	-
90.0	32.0	0.0	-	0.0	-	-	3.2	-	-	6.1	-	-
90.0	37.0	0.0	-	0.0	-	-	3.4	-	-	24.4	-	-
90.0	45.0	0.0	-	0.0	-	-	3.3	-	-	0.0	-	-
90.0	60.0	0.0	-	0.0	-	-	2.7	-	-	0.0	-	-
90.0	65.0	0.0	-	0.0	-	-	5.9	-	-	0.0	-	-
90.0	70.0	0.0	-	0.0	-	-	3.1	-	-	0.0	-	-
90.0	100.0	0.0	-	0.0	-	-	9.0	-	-	0.0	-	-
93.0	26.5	0.0	-	5.8	-	-	0.9	-	-	0.0	-	-
93.0	28.0	0.0	-	0.0	-	-	24.8	-	-	3.2	-	-
93.0	30.0	0.0	-	0.0	-	-	7.7	-	-	18.1	-	-
93.0	35.0	0.0	-	0.0	-	-	11.5	-	-	0.0	-	-
93.0	40.0	0.0	-	0.0	-	-	11.3	-	-	30.1	-	-
93.0	45.0	0.0	-	0.0	-	-	0.0	-	-	9.2	-	-
93.0	50.0	0.0	-	8.6	-	-	6.3	-	-	0.0	-	-
93.0	60.0	0.0	-	0.0	-	-	3.4	-	-	0.0	-	-
93.0	65.0	0.0	-	2.9	-	-	9.4	-	-	0.0	-	-
93.0	80.0	0.0	-	3.0	-	-	-	-	-	0.0	-	-
93.0	90.0	0.0	-	5.3	-	-	-	-	-	6.2	-	-
93.0	100.0	0.0	-	2.9	-	-	-	-	-	2.8	-	-
97.0	29.0	0.0	-	0.0	-	-	0.0	-	-	3.0	-	-
97.0	30.0	0.0	-	0.0	-	-	24.2	-	-	0.0	-	-
97.0	32.0	0.0	-	0.0	-	-	14.5	-	-	0.0	-	-
97.0	35.0	0.0	-	0.0	-	-	39.6	-	-	41.2	-	-
97.0	40.0	0.0	-	0.0	-	-	12.3	-	-	0.0	-	-
97.0	45.0	0.0	-	0.0	-	-	12.4	-	-	53.4	-	-
97.0	50.0	0.0	-	0.0	-	-	-	-	-	3.0	-	-
97.0	55.0	0.0	-	2.9	-	-	13.5	-	-	0.0	-	-
97.0	60.0	0.0	-	2.8	-	-	9.9	-	-	0.0	-	-
97.0	65.0	0.0	-	2.9	-	-	9.4	-	-	0.0	-	-
97.0	70.0	0.0	-	0.0	-	-	12.7	-	-	6.2	-	-
97.0	80.0	0.0	-	0.0	-	-	-	-	-	23.2	-	-
97.0	90.0	0.0	-	0.0	-	-	-	-	-	8.9	-	-
100.0	29.0	0.0	-	0.0	-	-	0.0	-	-	2.6	-	-
100.0	30.0	0.0	-	0.0	-	-	2.9	-	-	17.2	-	-
100.0	35.0	0.0	-	0.0	-	-	3.9	-	-	14.8	-	-
100.0	40.0	0.0	-	0.0	-	-	6.0	-	-	2.9	-	-
100.0	45.0	0.0	-	3.2	-	-	15.1	-	-	2.7	-	-

TABLE 4. (cont.)

Tripnoturus mexicanus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	50.0	0.0	-	3.0	-	-	15.1	-	-	6.0	-	-
100.0	55.0	0.0	-	0.0	-	-	14.4	-	-	0.0	-	-
100.0	60.0	0.0	-	5.9	-	-	21.0	-	-	6.1	-	-
100.0	65.0	0.0	-	0.0	-	-	27.0	-	-	30.2	-	-
100.0	70.0	0.0	-	0.0	-	-	154.9	-	-	15.6	-	-
100.0	80.0	0.0	-	3.0	-	-	107.3	-	-	60.8	-	-
100.0	90.0	0.0	-	2.9	-	-	0.0	-	-	5.9	-	-
103.0	28.5	0.7	-	0.0	-	-	0.0	-	-	0.0	-	-
103.0	29.0	0.0	-	0.0	-	-	3.2	-	-	0.8	-	-
103.0	30.0	0.0	-	3.1	-	-	2.3	-	-	0.0	-	-
103.0	35.0	2.8	-	3.2	-	-	25.8	-	-	7.6	-	-
103.0	40.0	0.0	-	6.2	-	-	124.7	-	-	0.0	-	-
103.0	50.0	0.0	-	24.7	-	-	34.5	-	-	3.0	-	-
103.0	55.0	3.1	-	0.0	-	-	90.3	-	-	72.2	-	-
103.0	60.0	0.0	-	0.0	-	-	18.2	-	-	35.2	-	-
103.0	65.0	0.0	-	9.0	-	-	55.3	-	-	86.4	-	-
103.0	70.0	0.0	-	8.7	-	-	35.4	-	-	19.7	-	-
103.0	80.0	0.0	-	5.9	-	-	49.8	-	-	12.8	-	-
103.0	90.0	0.0	-	0.0	-	-	19.0	-	-	18.6	-	-
107.0	31.0	0.0	-	0.0	-	-	0.7	-	-	0.0	-	-
107.0	32.0	0.0	-	12.9	-	-	19.5	-	-	8.9	-	-
107.0	35.0	0.0	-	16.0	-	-	25.2	-	-	36.4	-	-
107.0	40.0	0.0	-	23.7	-	-	11.9	-	-	0.0	-	-
107.0	45.0	0.0	-	25.0	-	-	9.1	-	-	0.0	-	-
107.0	50.0	0.0	-	3.1	-	-	0.0	-	-	8.9	-	-
107.0	55.0	3.2	-	6.3	-	-	11.2	-	-	17.6	-	-
107.0	60.0	0.0	-	9.9	-	-	286.7	-	-	26.1	-	-
107.0	65.0	0.0	-	19.4	-	-	162.3	-	-	40.2	-	-
107.0	70.0	0.0	-	23.4	-	-	14.4	-	-	39.6	-	-
107.0	80.0	9.2	-	9.7	-	-	8.3	-	-	18.5	-	-
107.0	90.0	0.0	-	51.3	-	-	15.1	-	-	9.2	-	-
110.0	32.0	0.0	-	2.0	-	-	0.0	-	-	1.9	-	-
110.0	35.0	0.0	-	9.9	-	-	6.7	-	-	6.1	-	-
110.0	40.0	0.0	-	13.3	-	-	72.4	-	-	3.0	-	-
110.0	45.0	2.6	-	0.0	-	-	32.2	-	-	91.1	-	-
110.0	50.0	8.0	-	0.0	-	-	40.0	-	-	196.5	-	-
110.0	55.0	0.0	-	6.4	-	-	137.3	-	-	228.7	-	-
110.0	60.0	2.9	-	76.5	-	-	62.6	-	-	3.2	-	-
110.0	65.0	2.7	-	6.0	-	-	18.7	-	-	125.2	-	-
110.0	70.0	8.9	-	51.5	-	-	174.7	-	-	21.4	-	-
110.0	80.0	2.7	-	29.6	-	-	125.1	-	-	12.8	-	-
110.0	90.0	0.0	-	34.8	-	-	5.2	-	-	9.4	-	-
113.0	30.0	0.0	-	0.0	-	-	3.0	-	-	23.5	-	-
113.0	35.0	3.1	-	0.0	-	-	32.4	-	-	23.1	-	-
113.0	40.0	0.0	-	9.6	-	-	38.2	-	-	105.6	-	-
113.0	45.0	0.0	-	15.6	-	-	-	-	-	42.9	-	-

TABLE 4. (cont.)

Triphoturus mexicanus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0	50.0	0.0	-	16.1	-	-	86.7	-	-	42.3	-	-
113.0	55.0	0.0	-	9.8	-	-	17.9	-	-	5.9	-	-
113.0	60.0	0.0	-	46.8	-	-	30.1	-	-	39.3	-	-
113.0	65.0	9.1	-	106.9	-	-	-	-	-	8.7	-	-
113.0	70.0	0.0	-	37.8	-	-	11.7	-	-	27.5	-	-
113.0	80.0	0.0	-	0.0	-	-	71.8	-	-	54.9	-	-
113.0	90.0	0.0	-	39.8	-	-	34.6	-	-	-	-	-
113.0	95.0	-	0.0	-	-	-	43.0	-	-	-	-	-
117.0	25.0	0.0	-	0.0	-	-	11.1	-	-	1.8	-	-
117.0	28.0	0.0	-	0.0	-	-	0.0	-	-	9.6	-	-
117.0	30.0	0.0	-	0.0	-	-	5.9	-	-	49.1	-	-
117.0	35.0	0.0	-	28.1	-	-	12.3	-	-	136.3	-	-
117.0	40.0	0.0	-	45.5	-	-	33.8	-	-	19.1	-	-
117.0	45.0	2.8	-	51.8	-	-	19.3	-	-	113.9	-	-
117.0	50.0	0.0	-	16.4	-	-	15.6	-	-	2.9	-	-
117.0	55.0	0.0	-	16.0	-	-	16.2	-	-	63.1	-	-
117.0	60.0	11.6	-	54.7	-	-	13.3	-	-	25.0	-	-
117.0	65.0	2.9	-	97.3	-	-	16.6	-	-	53.4	-	-
117.0	70.0	0.0	-	39.8	-	-	6.3	-	-	86.5	-	-
117.0	80.0	0.0	-	107.1	-	-	12.3	-	-	52.8	-	-
117.0	90.0	0.0	-	37.8	-	-	14.6	-	-	-	-	-
118.0	35.0	0.0	-	3.0	-	-	12.1	-	-	18.8	-	-
120.0	22.5	0.0	-	0.0	-	-	0.2	-	-	0.0	-	-
120.0	30.0	0.0	-	0.0	-	-	0.0	-	-	5.6	-	-
120.0	35.0	0.0	-	0.0	-	-	0.0	-	-	8.5	-	-
120.0	40.0	0.0	-	0.0	-	-	26.1	-	-	4.1	-	-
120.0	45.0	0.0	-	30.8	-	-	30.7	-	-	28.3	-	-
120.0	50.0	3.0	-	16.3	-	-	20.3	-	-	81.8	-	-
120.0	55.0	5.7	-	6.3	-	-	35.8	-	-	8.7	-	-
120.0	60.0	9.1	-	3.3	-	-	20.8	-	-	14.2	-	-
120.0	65.0	9.3	-	3.2	-	-	65.8	-	-	6.0	-	-
120.0	70.0	0.0	-	28.1	-	-	21.2	-	-	-	-	-
120.0	80.0	0.0	-	31.3	-	-	37.7	-	-	-	-	-
120.0	90.0	0.0	-	-	-	-	-	-	-	-	-	-
120.0	100.0	2.7	-	-	-	-	40.9	-	-	0.0	-	-
123.0	36.0	0.0	-	2.6	-	-	158.8	-	-	0.0	-	-
123.0	37.0	2.7	-	5.8	-	-	80.4	-	-	0.0	-	-
123.0	42.0	0.0	-	6.7	-	-	104.9	-	-	2.8	-	-
123.0	45.0	0.0	-	25.0	-	-	28.7	-	-	17.9	-	-
123.0	50.0	0.0	-	13.6	-	-	15.4	-	-	23.8	-	-
123.0	55.0	0.0	-	9.9	-	-	6.6	-	-	44.1	-	-
123.0	60.0	3.0	-	29.3	-	-	50.2	-	-	66.7	-	-
123.0	65.0	10.3	-	56.3	-	-	74.4	-	-	26.0	-	-
123.0	70.0	13.2	-	38.3	-	-	59.9	-	-	29.0	-	-
123.0	80.0	5.8	-	18.7	-	-	0.6	-	-	-	-	-
123.5	35.6	0.0	-	6.1	-	-	-	-	-	0.0	-	-

TABLE 4. (cont.)

Triphoturus mexicanus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
127.0	33.0	4.4	-	9.4	-	-	-	8.0	-	5.6	-	-
127.0	34.0	1.7	-	129.0	-	-	-	65.4	-	0.0	-	-
127.0	40.0	8.3	-	129.2	-	-	-	11.8	-	0.0	-	-
127.0	45.0	3.0	-	25.8	-	-	-	8.9	-	41.9	-	-
127.0	50.0	8.5	-	63.6	-	-	-	26.6	-	10.9	-	-
127.0	55.0	22.7	-	34.2	-	-	-	30.9	-	17.5	-	-
127.0	60.0	21.4	-	39.1	-	-	-	48.6	-	12.0	-	-
127.0	65.0	26.3	-	27.7	-	-	-	57.2	-	-	-	-
127.0	70.0	15.3	-	44.5	-	-	-	31.6	-	-	-	-
127.0	80.0	2.9	-	-	-	-	126.0	-	-	-	-	-
130.0	30.0	2.6	-	0.0	-	-	0.0	-	-	0.0	-	-
130.0	35.0	6.1	-	16.9	-	-	11.4	-	-	6.0	-	-
130.0	40.0	23.0	-	23.0	-	-	26.1	-	-	6.0	-	-
130.0	45.0	6.3	-	99.6	-	-	0.0	-	-	66.0	-	-
130.0	50.0	129.2	-	129.2	-	-	12.3	-	-	29.7	-	-
130.0	55.0	8.1	-	75.9	-	-	12.4	-	-	28.0	-	-
130.0	60.0	0.0	-	64.6	-	-	19.0	-	-	19.3	-	-
130.0	65.0	-	-	12.8	-	-	-	-	-	-	-	-
130.0	70.0	8.6	-	21.9	-	-	88.9	-	-	-	-	-
130.0	80.0	22.2	-	-	-	-	50.2	-	-	-	-	-
130.0	90.0	12.9	-	-	-	-	7.4	-	-	-	-	-
130.0	100.0	14.5	-	-	-	-	-	-	-	-	-	-
130.0	120.0	8.0	-	-	-	-	-	-	-	-	-	-
133.0	23.0	3.3	-	0.0	-	-	-	0.0	-	0.0	-	-
133.0	25.0	2.9	-	2.9	-	-	-	0.0	-	0.0	-	-
133.0	30.0	5.7	-	0.0	-	-	-	0.0	-	0.0	-	-
133.0	35.0	0.0	-	44.7	-	-	-	22.4	-	6.5	-	-
133.0	40.0	0.0	-	28.8	-	-	-	52.4	-	3.2	-	-
133.0	45.0	0.0	-	87.1	-	-	-	22.1	-	0.0	-	-
133.0	50.0	21.3	-	16.5	-	-	-	3.2	-	6.0	-	-
133.0	55.0	2.9	-	3.2	-	-	-	0.0	-	0.0	-	-
133.0	60.0	29.0	-	0.0	-	-	-	6.2	-	12.1	-	-
133.0	65.0	41.0	-	0.0	-	-	-	3.2	-	-	-	-
133.0	70.0	20.3	-	3.1	-	-	-	3.1	-	-	-	-
133.0	80.0	2.8	-	-	-	-	-	6.1	-	-	-	-
137.0	35.0	0.0	-	-	0.0	-	0.0	-	-	9.2	-	-
137.0	40.0	0.0	-	9.2	-	-	5.4	-	-	16.1	-	-
137.0	45.0	2.7	-	14.9	-	-	2.7	-	-	19.9	-	-
137.0	50.0	5.8	-	3.0	-	-	103.7	-	-	18.6	-	-
137.0	55.0	11.7	-	11.7	-	-	91.1	-	-	9.5	-	-
137.0	60.0	5.1	-	0.0	-	-	33.1	-	-	0.0	-	-
137.0	65.0	-	-	16.8	-	-	-	-	-	-	-	-
137.0	70.0	5.0	-	6.6	-	-	10.6	-	-	-	-	-
137.0	80.0	5.0	-	-	-	-	22.1	-	-	-	-	-
140.0	30.0	0.0	-	-	-	-	2.4	-	-	-	-	-
140.0	35.0	2.4	-	-	-	-	3.7	-	-	-	-	-

TABLE 4. (cont.)

Triphoturus mexicanus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
140.0 45.0	-	0.0	-	-	-	-	24.6	-	-	-	-	-
140.0 50.0	-	17.9	-	-	-	-	15.4	-	-	-	-	-

Centrobranchus spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0 200.0	-	0.0	-	-	-	-	2.5	-	-	-	-	-
100.0 200.0	-	2.6	-	-	-	-	-	-	-	-	-	-

Diogenichthys spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0 80.0	-	0.0	-	0.0	-	-	3.0	-	-	0.0	-	-
87.0 90.0	-	0.0	-	3.1	-	-	0.0	-	-	0.0	-	-
90.0 28.0	-	0.0	-	0.0	-	-	0.0	-	-	3.3	-	-
90.0 100.0	-	0.0	-	0.0	-	-	3.0	-	-	0.0	-	-
93.0 28.0	-	0.0	-	2.8	-	-	0.0	-	-	0.0	-	-
93.0 100.0	-	0.0	-	0.0	-	-	-	-	-	2.8	-	-
100.0 100.0	-	2.6	-	-	-	-	-	-	-	-	-	-
100.0 120.0	-	11.3	-	-	-	-	-	-	-	-	-	-
100.0 140.0	-	2.8	-	-	-	-	-	-	-	-	-	-
100.0 160.0	-	2.6	-	-	-	-	-	-	-	-	-	-
103.0 80.0	-	0.0	-	8.8	-	-	0.0	-	-	0.0	-	-
103.0 90.0	-	3.1	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0 55.0	-	0.0	-	0.0	-	-	2.8	-	-	0.0	-	-
107.0 60.0	-	9.1	-	3.3	-	-	0.0	-	-	0.0	-	-
107.0 65.0	-	3.1	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0 70.0	-	0.0	-	0.0	-	-	0.0	-	-	3.0	-	-
107.0 80.0	-	21.4	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0 90.0	-	0.0	-	0.0	-	-	0.0	-	-	3.1	-	-
110.0 45.0	-	2.6	-	0.0	-	-	0.0	-	-	0.0	-	-
110.0 50.0	-	0.0	-	3.4	-	-	0.0	-	-	0.0	-	-
110.0 55.0	-	0.0	-	0.0	-	-	7.8	-	-	0.0	-	-
110.0 60.0	-	2.9	-	15.3	-	-	0.0	-	-	0.0	-	-
110.0 65.0	-	2.7	-	0.0	-	-	0.0	-	-	0.0	-	-
110.0 70.0	-	0.0	-	0.0	-	-	4.9	-	-	0.0	-	-
110.0 80.0	-	2.7	-	6.6	-	-	0.0	-	-	0.0	-	-
110.0 90.0	-	3.0	-	3.2	-	-	0.0	-	-	3.1	-	-
110.0 100.0	-	3.0	-	-	-	-	-	-	-	-	-	-
110.0 120.0	-	2.8	-	-	-	-	-	-	-	-	-	-
113.0 60.0	-	2.9	-	10.0	-	-	0.0	-	-	0.0	-	-
113.0 65.0	-	0.0	-	30.1	-	-	-	-	-	0.0	-	-
113.0 70.0	-	2.9	-	0.0	-	-	0.0	-	-	0.0	-	-
113.0 80.0	-	0.0	-	0.0	-	-	2.9	-	-	0.0	-	-

TABLE 4. (cont.)

Diogenichthys spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	35.0	0.0	-	3.1	-	-	0.0	-	-	0.0	-	-
117.0	50.0	5.7	-	0.0	-	-	0.0	-	-	0.0	-	-
117.0	60.0	17.4	-	3.2	-	-	0.0	-	-	0.0	-	-
117.0	65.0	5.8	-	0.0	-	-	0.0	-	-	0.0	-	-
117.0	70.0	3.0	-	3.3	-	-	0.0	-	-	5.6	-	-
117.0	80.0	3.1	-	0.0	-	-	0.0	-	-	0.0	-	-
117.0	90.0	3.0	-	6.3	-	-	0.0	-	-	0.0	-	-
120.0	45.0	0.0	-	0.0	-	-	2.9	-	-	0.0	-	-
120.0	50.0	0.0	-	0.0	-	-	3.1	-	-	0.0	-	-
120.0	55.0	11.4	-	0.0	-	-	0.0	-	-	0.0	-	-
120.0	80.0	35.1	-	0.0	-	-	0.0	-	-	0.0	-	-
120.0	90.0	2.8	-	-	-	-	0.0	-	-	-	-	-
123.0	37.0	1.4	-	0.0	-	-	0.0	-	-	0.0	-	-
123.0	45.0	0.0	-	0.0	-	-	0.0	-	-	3.0	-	-
123.0	55.0	0.0	-	0.0	-	-	0.0	-	-	5.9	-	-
127.0	50.0	0.0	-	0.0	-	-	-	0.0	-	2.7	-	-
127.0	55.0	0.0	-	0.0	-	-	-	0.0	-	5.8	-	-
130.0	45.0	0.0	-	0.0	-	-	0.0	0.0	-	3.0	-	-
133.0	50.0	0.0	-	0.0	-	-	-	0.0	-	3.0	-	-

Diogenichthys atlanticus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	120.0	-	-	-	-	-	14.7	-	-	-	-	-
60.0	160.0	-	-	-	-	-	8.4	-	-	-	-	-
60.0	180.0	-	-	-	-	-	81.3	-	-	-	-	-
60.0	190.0	-	-	-	-	-	7.6	-	-	-	-	-
70.0	200.0	-	-	-	-	0.0	5.9	-	-	-	-	-
77.0	70.0	-	-	6.3	-	-	-	-	-	-	-	-
78.5	57.2	2.8	-	-	-	3.5	-	-	-	-	-	-
79.2	60.0	0.0	-	-	-	0.0	-	-	-	3.1	-	-
80.0	80.0	0.0	-	3.0	-	0.0	-	-	-	9.2	-	-
80.0	90.0	0.0	-	-	-	0.0	-	-	-	-	-	-
80.0	200.0	-	-	-	-	-	13.0	-	-	-	-	-
81.5	65.0	-	-	-	-	3.2	-	-	-	-	-	-
83.0	60.0	0.0	-	6.4	-	0.0	0.0	-	-	0.0	-	-
83.0	65.0	0.0	-	6.1	-	0.0	0.0	-	-	0.0	-	-
83.0	80.0	0.0	-	9.1	-	0.0	3.2	-	-	0.0	-	-
85.0	60.0	-	-	-	-	2.7	-	-	-	-	-	-
87.0	34.0	1.4	-	0.0	-	-	0.0	-	-	0.0	-	-
87.0	60.0	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
87.0	65.0	0.0	-	2.8	-	-	0.0	-	-	0.0	-	-
87.0	70.0	2.9	-	3.2	-	-	0.0	-	-	0.0	-	-
87.0	80.0	5.4	-	11.0	-	-	0.0	-	-	3.2	-	-
87.0	90.0	0.0	-	25.0	-	-	0.0	-	-	0.0	-	-

TABLE 4. (cont.)

Diogenichthys atlanticus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	65.0	0.0	-	0.0	-	-	8.9	-	-	0.0	-	-
90.0	70.0	2.7	-	6.0	-	-	0.0	-	-	0.0	-	-
90.0	80.0	2.7	-	19.3	-	-	0.0	-	-	2.9	-	-
90.0	90.0	8.0	-	9.1	-	-	0.0	-	-	0.0	-	-
90.0	100.0	31.1	-	0.0	-	-	3.0	-	-	0.0	-	-
90.0	120.0	2.5	-	-	-	-	0.0	-	-	-	-	-
90.0	140.0	31.3	-	-	-	-	0.0	-	-	-	-	-
90.0	180.0	0.0	-	-	-	-	0.0	-	-	-	-	-
90.0	200.0	0.0	-	-	-	-	2.5	-	-	-	-	-
93.0	65.0	3.2	-	0.0	-	-	6.3	-	-	0.0	-	-
93.0	70.0	3.2	-	0.0	-	-	3.3	-	-	0.0	-	-
93.0	80.0	3.0	-	3.0	-	-	-	-	-	0.0	-	-
93.0	90.0	3.0	-	2.7	-	-	-	-	-	0.0	-	-
93.0	100.0	14.8	-	5.8	-	-	-	-	-	0.0	-	-
93.0	145.0	0.0	-	2.8	-	-	0.0	-	-	0.0	-	-
97.0	60.0	0.0	-	16.9	-	-	0.0	-	-	0.0	-	-
97.0	65.0	0.0	-	23.0	-	-	0.0	-	-	0.0	-	-
97.0	70.0	0.0	-	5.6	-	-	0.0	-	-	0.0	-	-
97.0	80.0	0.0	-	2.8	-	-	-	-	-	0.0	-	-
97.0	90.0	0.0	-	2.7	-	-	-	-	-	5.9	-	-
100.0	60.0	0.0	-	5.9	-	-	2.6	-	-	0.0	-	-
100.0	70.0	0.0	-	8.9	-	-	0.0	-	-	0.0	-	-
100.0	80.0	0.0	-	6.1	-	-	0.0	-	-	6.4	-	-
100.0	90.0	0.0	-	2.9	-	-	5.2	-	-	11.8	-	-
100.0	100.0	7.7	-	-	-	-	-	-	-	-	-	-
100.0	120.0	14.1	-	-	-	-	-	-	-	-	-	-
100.0	140.0	5.6	-	-	-	-	-	-	-	-	-	-
103.0	40.0	0.0	-	3.1	-	-	0.0	-	-	0.0	-	-
103.0	55.0	0.0	-	3.1	-	-	0.0	-	-	3.1	-	-
103.0	60.0	0.0	-	21.5	-	-	0.0	-	-	3.2	-	-
103.0	65.0	0.0	-	12.0	-	-	0.0	-	-	0.0	-	-
103.0	80.0	21.2	-	2.9	-	-	0.0	-	-	0.0	-	-
103.0	90.0	0.0	-	6.1	-	-	2.7	-	-	0.0	-	-
107.0	45.0	0.0	-	6.3	-	-	3.0	-	-	0.0	-	-
107.0	50.0	2.8	-	3.1	-	-	0.0	-	-	0.0	-	-
107.0	55.0	0.0	-	6.3	-	-	0.0	-	-	0.0	-	-
107.0	70.0	8.6	-	26.4	-	-	0.0	-	-	0.0	-	-
107.0	80.0	9.2	-	0.0	-	-	0.0	-	-	3.1	-	-
107.0	90.0	0.0	-	24.2	-	-	0.0	-	-	6.1	-	-
110.0	40.0	0.0	-	0.0	-	-	0.0	-	-	3.0	-	-
110.0	50.0	0.0	-	6.7	-	-	0.0	-	-	0.0	-	-
110.0	70.0	0.0	-	0.0	-	-	2.5	-	-	0.0	-	-
110.0	90.0	0.0	-	3.2	-	-	0.0	-	-	0.0	-	-
113.0	45.0	0.0	-	3.1	-	-	-	-	-	0.0	-	-
113.0	65.0	0.0	-	6.7	-	-	-	-	-	0.0	-	-
113.0	70.0	0.0	-	3.2	-	-	0.0	-	-	0.0	-	-

TABLE 4. (cont.)

Diogenichthys atlanticus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0	80.0	0.0	-	3.1	-	-	0.0	-	-	20.2	-	-
117.0	60.0	2.9	-	0.0	-	-	0.0	-	-	0.0	-	-
117.0	70.0	0.0	-	0.0	-	-	0.0	-	-	2.8	-	-
120.0	60.0	0.0	-	0.0	-	-	0.0	-	-	2.9	-	-
120.0	70.0	0.0	-	0.0	-	-	0.0	-	-	3.0	-	-
123.0	60.0	0.0	-	0.0	-	-	0.0	-	-	6.1	-	-
123.0	65.0	0.0	-	0.0	-	-	0.0	-	-	5.8	-	-
127.0	55.0	0.0	-	0.0	-	-	-	0.0	-	2.9	-	-
130.0	45.0	0.0	-	0.0	-	-	0.0	0.0	-	6.0	-	-
130.0	60.0	0.0	-	0.0	-	-	0.0	-	-	3.2	-	-
137.0	40.0	0.0	-	30.6	-	-	0.0	-	-	0.0	-	-
140.0	50.0	5.1	-	-	-	-	0.0	-	-	-	-	-

Diogenichthys laternatus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	80.0	2.6	-	0.0	-	-	0.0	-	-	0.0	-	-
103.0	55.0	0.0	-	0.0	-	-	0.0	-	-	3.1	-	-
103.0	65.0	0.0	-	0.0	-	-	0.0	-	-	3.2	-	-
110.0	40.0	0.0	-	0.0	-	-	0.0	-	-	3.0	-	-
110.0	45.0	0.0	-	0.0	-	-	0.0	-	-	12.6	-	-
110.0	50.0	0.0	-	3.4	-	-	0.0	-	-	3.2	-	-
110.0	60.0	0.0	-	24.5	-	-	0.0	-	-	0.0	-	-
110.0	65.0	0.0	-	3.0	-	-	0.0	-	-	3.0	-	-
110.0	70.0	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
113.0	45.0	0.0	-	3.1	-	-	-	-	-	0.0	-	-
113.0	50.0	0.0	-	6.4	-	-	0.0	-	-	0.0	-	-
113.0	55.0	0.0	-	9.8	-	-	0.0	-	-	0.0	-	-
113.0	60.0	0.0	-	16.7	-	-	0.0	-	-	0.0	-	-
113.0	65.0	0.0	-	3.3	-	-	-	-	-	0.0	-	-
113.0	70.0	0.0	-	-	-	-	0.0	-	-	2.8	-	-
113.0	80.0	0.0	-	3.1	-	-	0.0	-	-	0.0	-	-
117.0	30.0	0.0	-	0.0	-	-	0.0	-	-	2.7	-	-
117.0	35.0	0.0	-	0.0	-	-	0.0	-	-	6.3	-	-
117.0	45.0	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
117.0	60.0	11.6	-	0.0	-	-	3.3	-	-	19.5	-	-
117.0	65.0	0.0	-	0.0	-	-	0.0	-	-	16.9	-	-
117.0	70.0	0.0	-	13.3	-	-	0.0	-	-	13.9	-	-
117.0	80.0	0.0	-	44.1	-	-	0.0	-	-	81.8	-	-
117.0	89.0	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
118.0	30.0	0.0	-	0.0	-	-	0.0	-	-	2.8	-	-
120.0	30.0	0.0	-	0.0	-	-	0.0	-	-	5.7	-	-
120.0	35.0	0.0	-	3.1	-	-	0.0	-	-	2.1	-	-
120.0	40.0	0.0	-	0.0	-	-	0.0	-	-	2.9	-	-
120.0	50.0	0.0	-	0.0	-	-	0.0	-	-	2.9	-	-
120.0	55.0	2.9	-	0.0	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Diogenichthys lateratus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	60.0	3.0	-	0.0	-	-	0.0	-	-	0.0	-	-
120.0	65.0	12.4	-	3.2	-	-	0.0	-	-	0.0	-	-
120.0	70.0	6.0	-	6.2	-	-	3.0	-	-	0.0	-	-
120.0	80.0	29.7	-	12.5	-	-	5.3	-	-	-	-	-
120.0	90.0	8.4	-	-	-	-	0.0	-	-	-	-	-
123.0	37.0	0.0	-	8.7	-	-	5.0	-	-	0.0	-	-
123.0	45.0	0.0	-	0.0	-	-	3.2	-	-	0.0	-	-
123.0	55.0	0.0	-	0.0	-	-	3.2	-	-	0.0	-	-
123.0	60.0	42.7	-	9.8	-	-	0.0	-	-	9.1	-	-
123.0	65.0	23.9	-	46.3	-	-	3.1	-	-	0.0	-	-
123.0	70.0	16.5	-	28.7	-	-	6.2	-	-	5.8	-	-
123.0	80.0	0.0	-	18.7	-	-	3.2	-	-	-	-	-
127.0	32.6	0.0	-	1.5	-	-	-	0.0	-	0.0	-	-
127.0	34.0	0.0	-	0.0	-	-	-	5.9	-	0.0	-	-
127.0	40.0	0.0	-	0.0	-	-	-	11.8	-	0.0	-	-
127.0	45.0	0.0	-	0.0	-	-	-	0.0	-	0.0	-	-
127.0	50.0	5.7	-	3.2	-	-	-	6.2	-	2.9	-	-
127.0	55.0	31.2	-	6.2	-	-	-	9.1	-	3.0	-	-
127.0	60.0	61.4	-	0.0	-	-	-	0.0	-	-	-	-
127.0	65.0	28.9	-	49.3	-	-	-	0.0	-	-	-	-
127.0	70.0	18.4	-	41.6	-	-	-	0.0	-	-	-	-
127.0	80.0	2.9	-	-	-	-	0.0	-	-	-	-	-
130.0	25.5	0.0	-	0.0	-	-	0.8	-	-	0.0	-	-
130.0	30.0	0.0	-	3.2	-	-	3.9	-	-	0.0	-	-
130.0	35.0	6.1	-	0.0	-	-	31.9	-	-	0.0	-	-
130.0	40.0	48.8	-	29.5	-	-	52.2	-	-	0.0	-	-
130.0	45.0	0.0	-	10.0	-	-	0.0	-	-	0.0	-	-
130.0	50.0	18.8	-	0.0	-	-	2.5	-	-	47.5	-	-
130.0	55.0	5.5	-	13.2	-	-	27.4	-	-	19.6	-	-
130.0	60.0	8.0	-	13.6	-	-	13.6	-	-	3.2	-	-
130.0	65.0	-	-	12.8	-	-	-	-	-	-	-	-
130.0	70.0	14.3	-	56.3	-	-	7.6	-	-	-	-	-
130.0	80.0	22.2	-	-	-	-	137.3	-	-	-	-	-
130.0	90.0	15.5	-	-	-	-	9.9	-	-	-	-	-
130.0	100.0	8.7	-	-	-	-	-	-	-	-	-	-
130.0	120.0	10.6	-	-	-	-	-	-	-	-	-	-
133.0	35.0	0.0	-	0.0	-	-	-	6.4	-	0.0	-	-
133.0	40.0	0.0	-	0.0	-	-	-	9.2	-	9.5	-	-
133.0	45.0	17.3	-	13.4	-	-	-	12.6	-	9.6	-	-
133.0	50.0	34.6	-	0.0	-	-	-	16.0	-	0.0	-	-
133.0	55.0	8.8	-	6.5	-	-	-	6.4	-	0.0	-	-
133.0	60.0	7.9	-	16.3	-	-	-	6.2	-	15.1	-	-
133.0	65.0	13.7	-	9.8	-	-	-	6.4	-	-	-	-
133.0	70.0	46.4	-	12.2	-	-	-	6.2	-	-	-	-
133.0	80.0	8.5	-	-	-	-	-	6.1	-	-	-	-
137.0	30.0	0.0	-	-	3.0	-	-	-	-	0.0	-	-

TABLE 4. (cont.)

Diogenichthys laternatus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
137.0	35.0	0.0	-	-	0.0	-	2.7	-	-	15.3	-	-
137.0	40.0	0.0	-	0.0	-	-	16.1	-	-	3.2	-	-
137.0	45.0	4.9	-	29.9	-	-	2.7	-	-	11.4	-	-
137.0	50.0	29.2	-	6.0	-	-	29.3	-	-	18.6	-	-
137.0	55.0	5.5	-	2.9	-	-	30.4	-	-	0.0	-	-
137.0	60.0	7.7	-	0.0	-	-	41.4	-	-	9.2	-	-
137.0	65.0	-	-	40.3	-	-	-	-	-	-	-	-
137.0	70.0	0.0	-	6.6	-	-	15.9	-	-	-	-	-
137.0	80.0	2.7	-	-	-	-	19.3	-	-	-	-	-
140.0	29.0	-	-	-	-	-	1.4	-	-	-	-	-
140.0	30.0	0.0	-	-	-	-	4.8	-	-	-	-	-
140.0	35.0	0.0	-	-	-	-	3.7	-	-	-	-	-
140.0	45.0	0.0	-	-	-	-	38.2	-	-	-	-	-
140.0	50.0	0.0	-	-	-	-	58.9	-	-	-	-	-

Electrona rissoi

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	180.0	-	-	-	-	-	2.5	-	-	-	-	-
80.0	90.0	-	-	-	-	0.0	-	-	-	3.1	-	-
90.0	80.0	0.0	-	2.8	-	-	0.0	-	-	0.0	-	-

Gonichthys tenuiculus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
107.0	80.0	15.3	-	0.0	-	-	0.0	-	-	0.0	-	-
110.0	80.0	2.7	-	0.0	-	-	0.0	-	-	0.0	-	-
113.0	65.0	3.0	-	6.7	-	-	-	-	-	0.0	-	-
117.0	60.0	2.9	-	0.0	-	-	0.0	-	-	0.0	-	-
117.0	65.0	8.8	-	0.0	-	-	0.0	-	-	0.0	-	-
117.0	80.0	0.0	-	9.5	-	-	0.0	-	-	0.0	-	-
120.0	60.0	3.0	-	0.0	-	-	0.0	-	-	0.0	-	-
120.0	70.0	5.5	-	0.0	-	-	0.0	-	-	0.0	-	-
120.0	80.0	0.0	-	6.3	-	-	0.0	-	-	-	-	-
120.0	90.0	2.8	-	-	-	-	0.0	-	-	0.0	-	-
123.0	65.0	3.4	-	3.3	-	-	0.0	-	-	0.0	-	-
123.0	70.0	9.9	-	0.0	-	-	0.0	-	-	0.0	-	-
123.0	80.0	0.0	-	9.4	-	-	0.0	-	-	-	-	-
127.0	40.0	0.0	-	0.0	-	-	-	5.9	-	0.0	-	-
127.0	50.0	2.8	-	0.0	-	-	-	0.0	-	0.0	-	-
127.0	55.0	2.8	-	0.0	-	-	-	0.0	-	0.0	-	-
127.0	60.0	8.0	-	0.0	-	-	-	0.0	-	0.0	-	-
127.0	65.0	7.9	-	0.0	-	-	-	0.0	-	-	-	-
127.0	70.0	3.1	-	3.0	-	-	-	0.0	-	-	-	-

TABLE 4. (cont.)

Gonichthys tenuiculus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
130.0	40.0	11.5	-	0.0	-	-	0.0	-	-	0.0	-	-
130.0	60.0	2.7	-	10.2	-	-	0.0	-	-	0.0	-	-
130.0	80.0	11.1	-	-	-	-	2.6	-	-	-	-	-
133.0	40.0	4.9	-	6.4	-	-	-	0.0	-	0.0	-	-
133.0	45.0	8.6	-	0.0	-	-	-	3.2	-	0.0	-	-
133.0	50.0	8.0	-	0.0	-	-	-	0.0	-	0.0	-	-
133.0	60.0	5.3	-	0.0	-	-	-	0.0	-	0.0	-	-
133.0	65.0	8.2	-	0.0	-	-	-	3.2	-	-	-	-
133.0	70.0	2.9	-	3.1	-	-	-	6.2	-	-	-	-
133.0	80.0	0.0	-	-	-	-	-	3.1	-	-	-	-
137.0	45.0	2.5	-	0.0	-	-	0.0	-	-	0.0	-	-
137.0	50.0	8.8	-	0.0	-	-	2.7	-	-	0.0	-	-
137.0	55.0	0.0	-	2.9	-	-	0.0	-	-	0.0	-	-
137.0	60.0	7.7	-	0.0	-	-	0.0	-	-	0.0	-	-
137.0	65.0	-	-	3.4	-	-	-	-	-	-	-	-
137.0	70.0	0.0	-	0.0	-	-	5.3	-	-	-	-	-

Hygophum spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
107.0	80.0	3.1	-	0.0	-	-	0.0	-	-	0.0	-	-
120.0	60.0	0.0	-	0.0	-	-	0.0	-	-	2.9	-	-
123.0	60.0	0.0	-	0.0	-	-	0.0	-	-	3.0	-	-
123.0	65.0	0.0	-	0.0	-	-	0.0	-	-	2.9	-	-
130.0	35.0	0.0	-	0.0	-	-	2.3	-	-	0.0	-	-
133.0	50.0	2.7	-	0.0	-	-	-	0.0	-	0.0	-	-

Hygophum atratum

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	80.0	-	-	3.0	-	-	0.0	-	-	0.0	-	-
100.0	120.0	5.7	-	-	-	-	-	-	-	-	-	-
103.0	60.0	2.7	-	0.0	-	-	0.0	-	-	3.2	-	-
110.0	80.0	0.0	-	0.0	-	-	0.0	-	-	0.0	-	-
113.0	55.0	0.0	-	3.3	-	-	0.0	-	-	0.0	-	-
117.0	65.0	5.8	-	0.0	-	-	0.0	-	-	0.0	-	-
120.0	90.0	2.8	-	-	-	-	0.0	-	-	-	-	-
123.0	36.0	0.0	-	0.0	-	-	2.8	-	-	0.0	-	-
123.0	37.0	0.0	-	0.0	-	-	2.5	-	-	0.0	-	-
123.0	55.0	0.0	-	0.0	-	-	0.0	-	-	2.9	-	-
123.0	65.0	6.8	-	6.6	-	-	0.0	-	-	0.0	-	-
123.0	70.0	3.2	-	0.0	-	-	0.0	-	-	0.0	-	-
127.0	55.0	2.8	-	0.0	-	-	-	0.0	-	2.9	-	-
127.0	60.0	16.0	-	0.0	-	-	-	0.0	-	0.0	-	-

TABLE 4. (cont.)

Hygophum atratum (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
127.0	65.0	5.3	-	6.2	-	-	-	0.0	-	-	-	-
127.0	70.0	6.1	-	0.0	-	-	-	0.0	-	-	-	-
130.0	40.0	0.0	-	0.0	-	-	7.8	-	-	0.0	-	-
130.0	50.0	0.0	-	3.4	-	-	9.8	-	-	0.0	-	-
130.0	55.0	5.5	-	0.0	-	-	0.0	-	-	0.0	-	-
130.0	60.0	0.0	-	0.0	-	-	8.1	-	-	0.0	-	-
130.0	65.0	-	-	6.4	-	-	-	-	-	-	-	-
130.0	70.0	5.7	-	0.0	-	-	7.6	-	-	-	-	-
130.0	80.0	2.8	-	-	-	-	5.3	-	-	-	-	-
130.0	90.0	2.6	-	-	-	-	5.0	-	-	-	-	-
130.0	100.0	5.8	-	-	-	-	-	-	-	-	-	-
130.0	120.0	2.7	-	-	-	-	-	-	-	-	-	-
133.0	40.0	0.0	-	0.0	-	-	-	3.1	-	0.0	-	-
133.0	45.0	0.0	-	0.0	-	-	-	3.2	-	0.0	-	-
133.0	65.0	2.7	-	0.0	-	-	-	0.0	-	-	-	-
133.0	70.0	2.9	-	0.0	-	-	0.0	3.1	-	-	-	-
137.0	50.0	5.8	-	0.0	-	-	0.0	-	-	0.0	-	-
137.0	60.0	5.1	-	0.0	-	-	0.0	-	-	0.0	-	-
137.0	65.0	-	-	3.4	-	-	-	-	-	-	-	-
137.0	80.0	5.4	-	-	-	-	11.0	-	-	-	-	-
140.0	45.0	0.0	-	-	-	-	2.7	-	-	-	-	-

Hygophum reinhardtii

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	180.0	-	-	-	-	-	10.2	-	-	-	-	-
60.0	190.0	-	-	-	-	-	2.5	-	-	-	-	-
70.0	200.0	-	-	-	-	-	3.0	-	-	-	-	-
80.0	200.0	-	-	-	-	-	7.8	-	-	-	-	-
90.0	140.0	0.0	-	-	-	-	2.7	-	-	-	-	-
90.0	160.0	0.0	-	-	-	-	2.4	-	-	-	-	-
100.0	90.0	0.0	-	2.9	-	-	0.0	-	-	0.0	-	-
100.0	140.0	5.6	-	-	-	-	-	-	-	-	-	-
100.0	160.0	2.6	-	-	-	-	-	-	-	-	-	-
100.0	200.0	7.7	-	-	-	-	-	-	-	-	-	-
103.0	70.0	2.8	-	0.0	-	-	0.0	-	-	0.0	-	-
103.0	80.0	3.0	-	0.0	-	-	0.0	-	-	0.0	-	-
103.0	90.0	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
107.0	80.0	0.0	-	-	-	-	0.0	-	-	3.1	-	-
110.0	50.0	0.0	-	0.0	-	-	0.0	-	-	3.2	-	-
110.0	100.0	3.0	-	-	-	-	-	-	-	-	-	-
113.0	70.0	2.9	-	0.0	-	-	0.0	-	-	0.0	-	-
120.0	80.0	2.7	-	-	-	-	0.0	-	-	-	-	-
127.0	34.0	0.0	-	0.0	-	-	-	-	-	0.0	-	-
130.0	80.0	0.0	-	0.0	-	-	-	2.5	-	-	-	-
							5.3	-	-	-	-	-

TABLE 4. (cont.)

Loweina rara

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 190.0	-	-	-	-	-	-	5.1	-	-	-	-	-
100.0 90.0	-	0.0	-	2.9	-	-	0.0	-	-	0.0	-	-
120.0 50.0	-	0.0	-	0.0	-	-	0.0	-	-	2.9	-	-
120.0 80.0	-	0.0	-	0.0	-	-	2.7	-	-	-	-	-

Myctophum nitidulum

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 180.0	-	-	-	-	-	-	2.5	-	-	-	-	-
60.0 190.0	-	-	-	-	-	-	2.5	-	-	-	-	-
90.0 140.0	-	2.5	-	-	-	-	0.0	-	-	-	-	-
100.0 70.0	-	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
100.0 80.0	-	0.0	-	0.0	-	-	0.0	-	-	3.2	-	-
100.0 120.0	-	5.7	-	-	-	-	-	-	-	-	-	-
100.0 160.0	-	2.6	-	-	-	-	-	-	-	-	-	-
100.0 200.0	-	2.6	-	-	-	-	-	-	-	-	-	-
103.0 90.0	-	0.0	-	3.0	-	-	0.0	-	-	3.1	-	-
107.0 60.0	-	0.0	-	3.3	-	-	0.0	-	-	0.0	-	-
107.0 65.0	-	6.2	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0 80.0	-	3.1	-	0.0	-	-	0.0	-	-	9.3	-	-
107.0 90.0	-	3.0	-	0.0	-	-	0.0	-	-	9.2	-	-
110.0 90.0	-	0.0	-	0.0	-	-	2.6	-	-	0.0	-	-
113.0 80.0	-	0.0	-	3.1	-	-	0.0	-	-	8.7	-	-
113.0 90.0	-	0.0	-	3.3	-	-	0.0	-	-	2.9	-	-
117.0 55.0	-	0.0	-	3.2	-	-	0.0	-	-	0.0	-	-
117.0 60.0	-	0.0	-	3.2	-	-	0.0	-	-	0.0	-	-
117.0 65.0	-	0.0	-	6.3	-	-	0.0	-	-	2.8	-	-
117.0 70.0	-	0.0	-	0.0	-	-	0.0	-	-	2.9	-	-
123.0 55.0	-	0.0	-	0.0	-	-	0.0	-	-	6.1	-	-
123.0 60.0	-	0.0	-	0.0	-	-	0.0	-	-	2.9	-	-
123.0 70.0	-	0.0	-	0.0	-	-	0.0	-	-	0.0	-	-
127.0 50.0	-	0.0	-	3.2	-	-	-	0.0	-	0.0	-	-
127.0 55.0	-	2.8	-	0.0	-	-	-	0.0	-	0.0	-	-
127.0 60.0	-	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
130.0 45.0	-	0.0	-	0.0	-	-	0.0	-	-	3.0	-	-

Protomyctophum crockeri

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 55.0	2.6	-	-	0.0	-	-	0.0	-	-	-	-	-
60.0 60.0	-	2.7	-	0.0	-	-	0.0	-	-	-	-	-
60.0 70.0	-	8.0	-	6.1	-	-	0.0	-	-	-	-	-
60.0 80.0	-	2.5	-	0.0	-	-	0.0	-	-	-	-	-
60.0 90.0	-	2.2	-	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Protomyctophum crockeri (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	160.0	-	-	-	-	-	2.8	-	-	-	-	-
60.0	180.0	-	-	-	-	-	2.5	-	-	-	-	-
63.0	55.0	-	-	0.0	-	0.0	-	-	-	-	-	-
63.0	13.5	-	-	0.0	-	0.0	-	-	-	-	-	-
63.0	60.0	-	-	11.6	-	0.0	-	-	-	-	-	-
63.0	65.0	-	-	0.0	-	0.0	-	-	-	-	-	-
67.0	55.0	-	-	0.0	-	0.0	-	-	-	-	-	-
67.0	60.0	-	-	0.0	-	0.0	-	-	-	-	-	-
67.0	65.0	-	-	3.9	-	-	-	-	-	-	-	-
70.0	50.0	-	-	2.8	-	0.0	-	-	-	-	-	-
70.0	52.0	-	-	3.0	-	0.0	-	-	-	-	-	-
70.0	60.0	-	-	0.0	-	0.0	-	-	-	-	-	-
70.0	65.0	-	-	7.0	-	-	-	-	-	-	-	-
70.0	70.0	-	-	0.0	-	2.8	-	-	-	-	-	-
70.0	80.0	-	-	0.0	-	9.1	-	-	-	-	-	-
70.0	90.0	-	-	0.0	-	3.1	-	-	-	-	-	-
70.0	100.0	-	-	0.0	-	0.0	-	-	-	-	-	-
70.0	120.0	-	-	-	-	-	-	-	-	-	-	-
73.0	51.0	-	-	-	-	-	-	-	-	-	-	-
73.0	53.0	-	-	3.5	-	0.0	-	-	-	-	-	-
73.0	60.0	-	-	3.2	-	0.0	-	-	-	-	-	-
73.0	70.0	-	-	0.0	-	2.4	-	-	-	-	-	-
76.2	52.5	-	-	3.1	-	-	-	-	-	-	-	-
76.2	63.3	-	-	-	-	2.9	-	-	-	-	-	-
76.2	65.0	-	-	-	-	2.9	-	-	-	-	-	-
76.2	70.0	-	-	-	-	2.8	-	-	-	-	-	-
77.0	51.0	-	-	-	-	2.7	-	-	-	-	-	-
77.0	70.0	-	-	0.0	-	0.0	-	-	-	-	-	-
77.0	70.0	-	-	0.0	-	0.0	-	-	-	-	-	-
77.8	60.0	-	-	-	-	2.8	-	-	-	-	-	-
77.8	66.7	-	-	-	-	-	-	-	-	-	-	-
77.8	70.0	-	-	-	-	2.9	-	-	-	-	-	-
78.5	60.0	-	-	-	-	0.0	-	-	-	-	-	-
79.2	65.0	-	-	-	-	3.5	-	-	-	-	-	-
79.2	60.0	-	-	-	-	3.8	-	-	-	-	-	-
79.2	65.0	-	-	-	-	0.0	-	-	-	-	-	-
79.2	70.0	-	-	-	-	6.0	-	-	-	-	-	-
80.0	60.0	-	-	3.1	-	-	-	-	-	0.0	-	-
80.0	63.3	-	-	-	-	-	-	-	-	-	-	-
80.0	66.7	-	-	-	-	-	-	-	-	-	-	-
80.0	70.0	-	-	0.0	-	3.3	-	-	-	11.3	-	-
80.0	74.0	-	-	-	-	-	-	-	-	-	-	-
80.0	80.0	-	-	-	-	0.0	-	-	-	30.8	-	-
80.0	90.0	-	-	0.0	-	0.0	-	-	-	3.1	-	-
80.0	120.0	-	-	-	-	-	-	-	-	-	-	-
80.8	57.0	-	-	-	-	-	-	-	-	-	-	-
80.8	63.3	-	-	-	-	-	-	-	-	-	-	-
80.8	66.7	-	-	-	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

Protomyctophum crockeri (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
81.5	48.4	-	-	-	-	-	-	-	-	-	-	-
81.5	63.3	-	-	-	-	-	-	-	-	-	-	-
82.2	57.2	-	-	-	-	-	-	-	-	-	-	-
82.2	60.0	-	-	-	-	1.9	-	-	-	-	-	-
82.2	66.7	-	-	-	-	0.0	-	-	-	-	-	-
83.0	55.0	2.6	-	0.0	-	0.0	3.0	-	-	0.0	-	-
83.0	57.6	-	-	-	-	-	-	-	-	-	-	-
83.0	60.0	0.0	-	0.0	-	3.0	0.0	-	-	0.0	-	-
83.0	65.0	0.0	-	0.0	-	0.0	9.6	-	-	0.0	-	-
83.0	70.0	2.7	-	0.0	-	0.0	10.1	-	-	3.4	-	-
83.0	80.0	0.0	-	0.0	-	-	3.2	-	-	6.6	-	-
85.0	60.0	-	-	-	-	2.7	-	-	-	-	-	-
87.0	33.0	1.7	-	0.0	-	-	0.0	-	-	0.0	-	-
87.0	40.0	0.0	-	0.0	-	-	0.0	-	-	2.9	-	-
87.0	55.0	5.5	-	0.0	-	-	0.0	-	-	0.0	-	-
87.0	60.0	0.0	-	0.0	-	-	3.7	-	-	0.0	-	-
87.0	60.0	0.0	-	0.0	-	-	6.0	-	-	0.0	-	-
87.0	70.0	0.0	-	2.8	-	-	0.0	-	-	9.5	-	-
87.0	80.0	0.0	-	-	-	-	0.0	-	-	0.0	-	-
87.0	90.0	0.0	-	3.1	-	-	0.0	-	-	0.0	-	-
87.0	90.0	0.0	-	0.0	-	-	0.0	-	-	3.0	-	-
90.0	37.0	0.0	-	0.0	-	-	0.0	-	-	9.0	-	-
90.0	45.0	2.7	-	0.0	-	-	0.0	-	-	0.0	-	-
90.0	53.0	2.7	-	0.0	-	-	0.0	-	-	0.0	-	-
90.0	60.0	2.4	-	0.0	-	-	0.0	-	-	0.0	-	-
90.0	65.0	8.0	-	0.0	-	-	3.0	-	-	0.0	-	-
90.0	70.0	2.7	-	9.0	-	-	6.2	-	-	11.8	-	-
90.0	80.0	5.5	-	13.8	-	-	0.0	-	-	0.0	-	-
90.0	90.0	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
90.0	100.0	0.0	-	0.0	-	-	3.0	-	-	0.0	-	-
90.0	140.0	2.5	-	-	-	-	0.0	-	-	0.0	-	-
93.0	28.0	3.4	-	0.0	-	-	0.0	-	-	0.0	-	-
93.0	30.0	0.0	-	2.8	-	-	0.0	-	-	0.0	-	-
93.0	40.0	0.0	-	0.0	-	-	2.8	-	-	0.0	-	-
93.0	45.0	0.0	-	8.6	-	-	0.0	-	-	3.1	-	-
93.0	50.0	0.0	-	5.4	-	-	0.0	-	-	3.2	-	-
93.0	55.0	0.0	-	2.8	-	-	0.0	-	-	6.4	-	-
93.0	60.0	11.1	-	0.0	-	-	0.0	-	-	0.0	-	-
93.0	65.0	3.0	-	0.0	-	-	0.0	-	-	0.0	-	-
93.0	70.0	3.2	-	0.0	-	-	3.3	-	-	2.9	-	-
93.0	80.0	19.0	-	5.9	-	-	-	-	-	0.0	-	-
93.0	90.0	0.0	-	8.0	-	-	-	-	-	3.1	-	-
93.0	100.0	0.0	-	11.6	-	-	-	-	-	2.8	-	-
97.0	35.0	3.3	-	0.0	-	-	0.0	-	-	0.0	-	-
97.0	40.0	9.6	-	0.0	-	-	0.0	-	-	0.0	-	-
97.0	45.0	3.1	-	0.0	-	-	0.0	-	-	6.3	-	-
97.0	50.0	0.0	-	0.0	-	-	-	-	-	0.0	-	-
97.0	60.0	0.0	-	5.6	-	-	0.0	-	-	0.0	-	-

TABLE 4. (cont.)

Protomyctophum crockeri (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	65.0	0.0	-	5.8	-	-	0.0	-	-	3.2	-	-
97.0	70.0	0.0	-	8.4	-	-	3.2	-	-	0.0	-	-
97.0	80.0	0.0	-	13.8	-	-	-	-	-	0.0	-	-
97.0	90.0	3.0	-	2.7	-	-	-	-	-	3.0	-	-
100.0	29.0	1.5	-	0.0	-	-	0.0	-	-	0.0	-	-
100.0	30.0	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
100.0	40.0	3.0	-	0.0	-	-	3.0	-	-	0.0	-	-
100.0	45.0	9.3	-	3.2	-	-	3.0	-	-	5.3	-	-
100.0	50.0	0.0	-	0.0	-	-	0.0	-	-	3.0	-	-
100.0	55.0	2.8	-	0.0	-	-	0.0	-	-	0.0	-	-
100.0	60.0	8.3	-	3.0	-	-	2.6	-	-	0.0	-	-
100.0	65.0	0.0	-	0.0	-	-	0.0	-	-	9.1	-	-
100.0	70.0	2.7	-	3.0	-	-	0.0	-	-	3.1	-	-
100.0	80.0	0.0	-	0.0	-	-	3.0	-	-	3.2	-	-
100.0	100.0	7.7	-	-	-	-	-	-	-	-	-	-
100.0	120.0	11.3	-	-	-	-	-	-	-	-	-	-
103.0	35.0	0.0	-	0.0	-	-	5.7	-	-	0.0	-	-
103.0	40.0	3.0	-	9.3	-	-	5.4	-	-	0.0	-	-
103.0	45.0	8.9	-	0.0	-	-	-	-	-	0.0	-	-
103.0	50.0	0.0	-	0.0	-	-	3.1	-	-	3.0	-	-
103.0	55.0	0.0	-	12.4	-	-	3.0	-	-	3.1	-	-
103.0	60.0	17.6	-	6.1	-	-	0.0	-	-	9.6	-	-
103.0	65.0	18.7	-	9.0	-	-	2.9	-	-	12.8	-	-
103.0	70.0	8.4	-	2.9	-	-	14.8	-	-	0.0	-	-
103.0	80.0	3.0	-	2.9	-	-	0.0	-	-	0.0	-	-
103.0	90.0	3.1	-	0.0	-	-	0.0	-	-	0.0	-	-
103.0	95.0	6.5	-	0.0	-	-	2.8	-	-	0.0	-	-
107.0	32.0	0.0	-	0.0	-	-	0.0	-	-	2.8	-	-
107.0	35.0	0.0	-	3.4	-	-	0.0	-	-	2.9	-	-
107.0	40.0	0.0	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0	45.0	0.0	-	25.0	-	-	3.0	-	-	3.0	-	-
107.0	50.0	5.3	-	3.1	-	-	2.7	-	-	2.9	-	-
107.0	55.0	0.0	-	28.2	-	-	0.0	-	-	0.0	-	-
107.0	60.0	0.0	-	3.3	-	-	0.0	-	-	0.0	-	-
107.0	65.0	3.1	-	0.0	-	-	3.0	-	-	0.0	-	-
107.0	70.0	22.8	-	2.9	-	-	0.0	-	-	0.0	-	-
107.0	80.0	9.2	-	3.2	-	-	0.0	-	-	3.1	-	-
107.0	90.0	0.0	-	27.2	-	-	0.0	-	-	0.0	-	-
107.0	95.0	0.0	-	0.0	-	-	20.1	-	-	0.0	-	-
110.0	35.0	0.0	-	0.0	-	-	3.6	-	-	0.0	-	-
110.0	40.0	3.3	-	3.3	-	-	0.0	-	-	0.0	-	-
110.0	45.0	10.6	-	6.6	-	-	0.0	-	-	6.3	-	-
110.0	50.0	0.0	-	6.7	-	-	0.0	-	-	6.2	-	-
110.0	55.0	0.0	-	3.2	-	-	0.0	-	-	0.0	-	-
110.0	60.0	5.8	-	0.0	-	-	0.0	-	-	0.0	-	-
110.0	65.0	0.0	-	0.0	-	-	0.0	-	-	3.0	-	-
110.0	70.0	0.0	-	0.0	-	-	4.9	-	-	0.0	-	-
110.0	80.0	8.2	-	0.0	-	-	2.4	-	-	0.0	-	-

TABLE 4. (cont.)

Protomyctophum crockeri (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
110.0	90.0			15.8			0.0			0.0		
110.0	100.0	3.0										
113.0	30.0	0.0		0.0			3.0			0.0		
113.0	40.0	0.0		0.0			5.9			0.0		
113.0	45.0	2.4		12.5						0.0		
113.0	50.0	0.0		25.8			3.0			0.0		
113.0	65.0	3.0		3.3						0.0		
113.0	70.0	2.9		3.2			2.9			0.0		
113.0	80.0	0.0		0.0			0.0			2.9		
113.0	90.0	0.0		0.0			11.5					
117.0	40.0	0.0		3.0			0.0			3.2		
117.0	45.0	0.0		0.0			0.0			6.7		
117.0	60.0	14.5		3.2			3.3			0.0		
117.0	65.0	5.8		0.0			0.0			0.0		
117.0	70.0	0.0		0.0			0.0			2.8		
117.0	90.0	0.0		3.2			2.9					
120.0	45.0	0.0		0.0			0.0			0.0		
120.0	50.0	2.9		0.0			3.1			0.0		
120.0	55.0	0.0		0.0			0.0			2.9		
120.0	60.0	0.0		0.0			5.5			0.0		
120.0	70.0	0.0		0.0			0.0			3.0		
120.0	80.0	2.7		0.0			0.0					
120.0	90.0	5.4		0.0			0.0					
120.0	120.0	2.8					0.0					
123.0	45.0	0.0		3.1			0.0			0.0		
123.0	50.0	0.0		3.4			0.0			0.0		
123.0	55.0	3.0		0.0			0.0			0.0		
123.0	65.0	3.4		0.0			0.0					
123.0	80.0	0.0		3.1			0.0					
127.0	40.0	0.0		3.2				0.0		0.0		
127.0	45.0	0.0		3.2				0.0		9.7		
127.0	50.0	0.0		0.0				0.0		2.7		
127.0	55.0	2.8		3.1				0.0		0.0		
127.0	60.0	2.7		0.0				0.0		0.0		
127.0	65.0	13.2		3.1				3.2				
127.0	70.0	6.1		5.9				0.0				
130.0	40.0	2.9		0.0			2.6			0.0		
130.0	45.0	3.2		6.6			0.0			0.0		
130.0	50.0	0.0		3.4			0.0			0.0		
130.0	55.0	0.0		0.0			0.0			2.8		
130.0	60.0	5.3		0.0			0.0			0.0		
130.0	70.0	5.7		0.0			0.0					
130.0	90.0	2.6					0.0					
130.0	100.0	2.9										
130.0	120.0	13.3										
133.0	45.0	8.6		0.0				0.0		0.0		

TABLE 4. (cont.)

Protomyctophum crockeri (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
133.0 50.0	-	5.3	-	0.0	-	-	-	0.0	-	0.0	-	-
133.0 55.0	-	5.9	-	3.2	-	-	-	0.0	-	0.0	-	-
133.0 60.0	-	-	-	3.3	-	-	-	0.0	-	0.0	-	-
133.0 70.0	-	2.9	-	0.0	-	-	-	0.0	-	-	-	-
133.0 80.0	-	2.8	-	-	-	-	-	3.1	-	-	-	-
137.0 45.0	-	2.5	-	0.0	-	-	0.0	-	-	0.0	-	-
137.0 50.0	-	0.0	-	0.0	-	-	0.0	-	-	6.2	-	-

Symbolophorus californiensis

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 120.0	-	-	-	-	-	-	17.6	-	-	-	-	-
60.0 160.0	-	-	-	-	-	-	11.2	-	-	-	-	-
60.0 180.0	-	-	-	-	-	-	5.1	-	-	-	-	-
60.0 190.0	-	-	-	-	-	-	2.5	-	-	-	-	-
70.0 80.0	2.5	-	-	0.0	-	0.0	-	-	-	-	-	-
70.0 90.0	0.0	-	-	-	-	3.1	-	-	-	-	-	-
76.2 65.0	-	-	-	-	-	2.9	-	-	-	-	-	-
78.5 70.0	-	-	-	-	-	0.0	-	-	-	-	-	-
80.0 60.0	0.0	-	-	0.0	-	3.0	-	-	-	0.0	-	-
80.0 80.0	0.0	-	-	0.0	-	2.5	-	-	-	0.0	-	-
80.0 90.0	0.0	-	-	-	-	2.8	-	-	-	6.1	-	-
80.0 100.0	5.4	-	-	-	-	3.0	-	-	-	-	-	-
83.0 65.0	-	0.0	-	3.0	-	0.0	0.0	-	-	0.0	-	-
83.0 70.0	-	0.0	-	3.1	-	-	0.0	-	-	0.0	-	-
83.0 80.0	-	0.0	-	0.0	-	-	6.4	-	-	0.0	-	-
83.0 90.0	-	0.0	-	-	-	-	0.0	-	-	3.0	-	-
85.0 55.0	-	-	-	-	-	7.7	-	-	-	-	-	-
87.0 70.0	-	0.0	-	0.0	-	-	3.0	-	-	0.0	-	-
87.0 80.0	-	5.4	-	8.3	-	-	3.0	-	-	9.5	-	-
87.0 90.0	-	0.0	-	21.9	-	-	3.1	-	-	0.0	-	-
87.0 100.0	-	-	-	2.9	-	-	-	-	-	-	-	-
90.0 60.0	-	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
90.0 65.0	-	0.0	-	0.0	-	-	3.0	-	-	0.0	-	-
90.0 70.0	-	0.0	-	6.0	-	-	6.2	-	-	3.0	-	-
90.0 80.0	-	5.5	-	8.3	-	-	0.0	-	-	14.3	-	-
90.0 90.0	-	0.0	-	6.1	-	-	0.0	-	-	0.0	-	-
90.0 100.0	-	18.1	-	5.8	-	-	6.0	-	-	0.0	-	-
90.0 120.0	-	0.0	-	-	-	-	5.9	-	-	-	-	-
90.0 140.0	-	0.0	-	-	-	-	2.7	-	-	-	-	-
93.0 55.0	-	3.4	-	0.0	-	-	0.0	-	-	0.0	-	-
93.0 65.0	-	-	-	0.0	-	-	3.1	-	-	0.0	-	-
93.0 80.0	-	0.0	-	5.9	-	-	-	-	-	2.9	-	-
93.0 90.0	-	3.0	-	13.4	-	-	-	-	-	0.0	-	-
93.0 100.0	-	0.0	-	8.7	-	-	-	-	-	2.8	-	-

TABLE 4. (cont.)

Symbolophorus californiensis (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97-0	55.0	0.0	-	2.9	-	-	3.4	-	-	0.0	-	-
97-0	60.0	0.0	-	2.8	-	-	0.0	-	-	0.0	-	-
97-0	65.0	2.8	-	2.9	-	-	3.1	-	-	0.0	-	-
97-0	70.0	0.0	-	2.8	-	-	3.2	-	-	3.1	-	-
97-0	80.0	0.0	-	8.3	-	-	-	-	-	0.0	-	-
97-0	90.0	0.0	-	0.0	-	-	-	-	-	14.9	-	-
100-0	50.0	0.0	-	0.0	-	-	7.6	-	-	0.0	-	-
100-0	60.0	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
100-0	65.0	5.3	-	0.0	-	-	0.0	-	-	3.0	-	-
100-0	70.0	2.7	-	3.0	-	-	2.7	-	-	0.0	-	-
100-0	80.0	0.0	-	27.4	-	-	6.0	-	-	6.4	-	-
100-0	90.0	5.4	-	8.8	-	-	0.0	-	-	0.0	-	-
100-0	100.0	5.2	-	-	-	-	-	-	-	-	-	-
103-0	50.0	0.0	-	3.1	-	-	0.0	-	-	0.0	-	-
103-0	55.0	0.0	-	9.3	-	-	0.0	-	-	0.0	-	-
103-0	60.0	0.0	-	6.1	-	-	6.1	-	-	6.4	-	-
103-0	65.0	0.0	-	6.0	-	-	0.0	-	-	6.4	-	-
103-0	80.0	6.1	-	0.0	-	-	0.0	-	-	0.0	-	-
103-0	90.0	0.0	-	0.0	-	-	5.4	-	-	0.0	-	-
107-0	35.0	0.0	-	0.0	-	-	2.8	-	-	0.0	-	-
107-0	40.0	0.0	-	3.4	-	-	0.0	-	-	0.0	-	-
107-0	45.0	0.0	-	6.3	-	-	3.0	-	-	0.0	-	-
107-0	55.0	0.0	-	3.1	-	-	0.0	-	-	0.0	-	-
107-0	60.0	0.0	-	0.0	-	-	6.1	-	-	0.0	-	-
107-0	65.0	0.0	-	0.0	-	-	3.0	-	-	0.0	-	-
107-0	70.0	2.8	-	0.0	-	-	5.8	-	-	0.0	-	-
107-0	80.0	3.1	-	3.2	-	-	0.0	-	-	0.0	-	-
110-0	45.0	0.0	-	0.0	-	-	8.0	-	-	0.0	-	-
110-0	50.0	0.0	-	0.0	-	-	2.5	-	-	0.0	-	-
110-0	55.0	0.0	-	0.0	-	-	0.0	-	-	3.1	-	-
110-0	70.0	0.0	-	0.0	-	-	2.5	-	-	0.0	-	-
110-0	90.0	0.0	-	0.0	-	-	0.0	-	-	3.1	-	-
112-0	35.0	3.1	-	0.0	-	-	0.0	-	-	0.0	-	-
113-0	45.0	0.0	-	6.2	-	-	-	-	-	0.0	-	-
113-0	50.0	0.0	-	19.3	-	-	0.0	-	-	0.0	-	-
113-0	65.0	3.0	-	0.0	-	-	-	-	-	0.0	-	-
113-0	70.0	8.6	-	0.0	-	-	0.0	-	-	0.0	-	-
113-0	80.0	3.0	-	0.0	-	-	0.0	-	-	0.0	-	-
113-0	90.0	3.7	-	0.0	-	-	2.9	-	-	0.0	-	-
117-0	30.0	0.0	-	0.0	-	-	0.0	-	-	0.0	-	-
117-0	35.0	0.0	-	3.1	-	-	3.1	-	-	2.9	-	-
117-0	50.0	0.0	-	0.0	-	-	0.0	-	-	0.0	-	-
117-0	65.0	0.0	-	0.0	-	-	0.0	-	-	5.6	-	-
120-0	35.0	0.0	-	0.0	-	-	0.0	-	-	5.8	-	-
120-0	50.0	0.0	-	0.0	-	-	0.0	-	-	5.8	-	-
120-0	60.0	0.0	-	0.0	-	-	0.0	-	-	2.9	-	-

TABLE 4. (cont.)

Symbolophorus californiensis (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
123.0	80.0	2.9	-	0.0	-	-	0.0	-	-	-	-	-
127.0	34.0	0.0	-	2.6	-	-	-	0.0	-	0.0	-	-
130.0	45.0	0.0	-	3.3	-	-	0.0	-	-	0.0	-	-

tarletonbeania crenularis

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	55.0	-	-	0.0	-	-	31.5	-	-	-	-	-
60.0	60.0	5.5	-	3.0	-	-	47.3	-	-	-	-	-
60.0	65.0	-	-	28.6	-	-	-	-	-	-	-	-
60.0	80.0	0.0	-	0.0	-	-	9.0	-	-	-	-	-
60.0	90.0	0.0	-	-	-	-	8.9	-	-	-	-	-
60.0	100.0	0.0	-	-	-	-	22.9	-	-	-	-	-
63.0	55.0	-	-	0.0	-	-	-	-	-	-	-	-
63.0	60.0	-	-	0.0	-	17.5	-	-	-	-	-	-
63.0	65.0	-	-	6.3	-	27.0	-	-	-	-	-	-
67.0	50.0	-	-	0.0	-	62.0	-	-	-	-	-	-
67.0	55.0	-	-	0.0	-	10.8	-	-	-	-	-	-
67.0	60.0	-	-	0.0	-	-	-	-	-	-	-	-
67.0	65.0	-	-	2.8	-	-	-	-	-	-	-	-
70.0	50.0	-	-	7.7	-	2.8	-	-	-	-	-	-
70.0	51.0	-	-	3.0	-	2.8	-	-	-	-	-	-
70.0	52.0	-	-	6.1	-	17.5	-	-	-	-	-	-
70.0	53.0	-	-	3.5	-	-	-	-	-	-	-	-
70.0	65.0	-	-	0.0	-	25.4	-	-	-	-	-	-
70.0	70.0	-	-	0.0	-	21.4	-	-	-	-	-	-
70.0	80.0	-	-	0.0	-	3.1	-	-	-	-	-	-
70.0	90.0	-	-	-	-	-	-	-	-	-	-	-
70.0	120.0	-	-	-	-	-	-	-	-	-	-	-
73.0	51.0	-	-	10.6	-	0.0	-	-	-	-	-	-
73.0	53.0	-	-	9.7	-	0.0	-	-	-	-	-	-
73.0	60.0	-	-	6.2	-	2.4	-	-	-	-	-	-
73.0	65.0	-	-	6.0	-	-	-	-	-	-	-	-
73.0	70.0	-	-	3.1	-	-	-	-	-	-	-	-
76.2	52.5	-	-	-	-	2.9	-	-	-	-	-	-
76.2	55.5	-	-	-	-	2.8	-	-	-	-	-	-
76.2	60.0	-	-	-	-	2.7	-	-	-	-	-	-
76.2	63.3	-	-	-	-	-	-	-	-	-	-	-
76.2	65.0	-	-	-	-	2.9	-	-	-	-	-	-
76.2	70.0	-	-	-	-	5.7	-	-	-	-	-	-
77.0	49.0	-	-	1.0	-	10.0	-	-	-	-	-	-
77.0	51.0	-	-	5.8	-	13.5	-	-	-	-	-	-
77.0	53.0	-	-	-	-	-	-	-	-	-	-	-
77.0	55.0	-	-	2.5	-	8.8	-	-	-	-	-	-
77.0	57.0	-	-	6.4	-	-	-	-	-	-	-	-
77.0	60.0	-	-	11.6	-	2.8	-	-	-	-	-	-
77.0	63.3	-	-	-	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

<i>Tarletonbeania crenularis</i> (cont.)											
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV. DEC.
77.0	65.0	-	-	0.0	-	2.8	-	-	-	-	-
77.0	70.0	-	-	0.0	-	4.4	-	-	-	-	-
77.8	55.0	-	-	-	-	2.6	-	-	-	-	-
77.8	60.0	-	-	-	-	5.5	-	-	-	-	-
77.8	66.7	-	-	-	-	-	-	-	-	-	-
77.8	70.0	-	-	-	-	14.4	-	-	-	-	-
78.5	57.5	-	-	-	-	9.4	-	-	-	-	-
78.5	60.0	-	-	-	-	2.8	-	-	-	-	-
78.5	65.0	-	-	-	-	3.0	-	-	-	-	-
78.5	70.0	-	-	-	-	13.9	-	-	-	-	-
79.2	53.0	-	-	-	-	3.3	-	-	-	-	-
79.2	60.0	-	-	-	-	0.0	-	-	-	-	-
79.2	63.3	-	-	-	-	7.7	-	-	-	-	-
79.2	65.0	-	-	-	-	3.7	-	-	-	-	-
79.2	70.0	-	-	-	-	-	-	-	-	-	-
79.2	74.0	-	-	-	-	-	-	-	-	-	-
79.2	75.0	-	-	-	-	4.2	-	-	-	-	-
80.0	55.0	-	-	16.2	-	0.0	-	-	-	0.0	-
80.0	60.0	-	-	0.0	-	15.1	-	-	-	3.2	-
80.0	65.0	-	-	0.0	-	7.7	-	-	-	0.0	-
80.0	70.0	-	-	0.0	-	9.9	-	-	-	2.8	-
80.0	75.0	-	-	0.0	-	7.2	-	-	-	-	-
80.0	80.0	-	-	0.0	-	0.0	-	-	-	12.3	-
80.0	85.0	-	-	0.0	-	2.8	-	-	-	0.0	-
80.0	90.0	-	-	-	-	12.9	-	-	-	-	-
80.8	60.0	-	-	-	-	-	-	-	-	-	-
80.8	63.3	-	-	-	-	-	-	-	-	-	-
80.8	70.0	-	-	-	-	6.5	-	-	-	-	-
81.5	63.3	-	-	-	-	9.6	-	-	-	-	-
81.5	65.0	-	-	-	-	5.5	-	-	-	-	-
82.2	60.0	-	-	-	-	1.9	-	-	-	-	-
82.2	63.3	-	-	-	-	-	-	-	-	-	-
82.2	65.0	-	-	-	-	7.0	-	-	-	-	-
82.2	66.7	-	-	-	-	-	-	-	-	-	-
82.2	67.0	-	-	-	-	-	-	-	-	-	-
83.0	55.0	-	-	0.0	-	3.1	0.0	-	-	0.0	-
83.0	55.0	-	-	3.2	-	0.0	8.8	-	-	0.0	-
83.0	60.0	-	-	0.0	-	3.9	6.4	-	-	0.0	-
83.0	65.0	-	-	0.0	-	-	0.0	-	-	0.0	-
83.0	70.0	-	-	3.1	-	-	0.0	-	-	6.6	-
83.0	80.0	-	-	0.0	-	-	3.2	-	-	0.0	-
83.0	90.0	-	-	-	-	-	0.0	-	-	-	-
85.0	55.0	-	-	-	-	12.8	-	-	-	-	-
85.0	60.0	-	-	-	-	2.7	-	-	-	-	-
87.0	55.0	-	-	0.0	-	-	3.6	-	-	0.0	-
87.0	60.0	-	-	0.0	-	-	3.7	-	-	0.0	-
87.0	65.0	-	-	0.0	-	-	9.6	-	-	0.0	-
87.0	70.0	-	-	0.0	-	-	12.1	-	-	3.2	-

TABLE 4. (cont.)

Tarletonbeania crenularis (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0	80.0	0.0	-	8.3	-	-	0.0	-	-	3.2	-	-
87.0	90.0	2.9	-	3.1	-	-	0.0	-	-	0.0	-	-
90.0	37.0	2.5	-	0.0	-	-	0.0	-	-	0.0	-	-
90.0	53.0	0.0	-	0.0	-	-	2.6	-	-	0.0	-	-
90.0	60.0	2.4	-	0.0	-	-	5.4	-	-	0.0	-	-
90.0	70.0	0.0	-	0.0	-	-	3.1	-	-	0.0	-	-
90.0	80.0	2.7	-	0.0	-	-	0.0	-	-	0.0	-	-
93.0	60.0	0.0	-	0.0	-	-	6.8	-	-	0.0	-	-
93.0	65.0	3.0	-	0.0	-	-	3.1	-	-	0.0	-	-
93.0	70.0	0.0	-	0.0	-	-	9.9	-	-	0.0	-	-
93.0	90.0	0.0	-	0.0	-	-	-	-	-	3.1	-	-
97.0	29.0	0.0	-	0.0	-	-	0.0	-	-	3.0	-	-
97.0	35.0	0.0	-	0.0	-	-	3.0	-	-	0.0	-	-
97.0	55.0	0.0	-	0.0	-	-	6.8	-	-	0.0	-	-
97.0	60.0	0.0	-	0.0	-	-	0.0	-	-	2.8	-	-
97.0	80.0	0.0	-	2.8	-	-	-	-	-	0.0	-	-
97.0	90.0	0.0	-	5.4	-	-	-	-	-	0.0	-	-
100.0	45.0	0.0	-	0.0	-	-	3.0	-	-	0.0	-	-
100.0	50.0	0.0	-	0.0	-	-	5.0	-	-	0.0	-	-

Synodus spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0	35.0	0.0	-	0.0	-	-	0.0	-	-	9.9	-	-
113.0	60.0	0.0	-	0.0	-	-	0.0	-	-	2.8	-	-
117.0	24.8	0.0	-	0.0	-	-	0.0	-	-	0.6	-	-
117.0	25.0	0.0	-	0.0	-	-	0.0	-	-	3.7	-	-
117.0	26.0	0.0	-	0.0	-	-	0.0	-	-	2.4	-	-
117.0	35.0	0.0	-	0.0	-	-	0.0	-	-	15.9	-	-
118.0	39.0	0.0	-	0.0	-	-	0.0	-	-	9.4	-	-
119.0	33.0	-	0.0	0.0	-	-	0.0	-	-	52.0	-	-
120.0	25.0	0.0	0.0	0.0	-	-	0.0	-	-	2.5	-	-
120.0	30.0	0.0	-	0.0	-	-	0.0	-	-	39.5	-	-
120.0	35.0	0.0	-	0.0	-	-	0.0	-	-	19.9	-	-
120.0	40.0	0.0	-	0.0	-	-	0.0	-	-	14.5	-	-
120.0	45.0	0.0	-	0.0	-	-	0.0	-	-	14.1	-	-
127.0	32.6	0.0	-	0.0	-	-	-	0.0	-	18.7	-	-
127.0	33.0	0.0	-	0.0	-	-	-	0.0	-	11.1	-	-
127.0	34.0	0.0	-	0.0	-	-	-	0.0	-	11.1	-	-
130.0	26.0	0.0	-	0.0	-	-	-	0.0	-	4.3	-	-
130.0	28.0	0.0	-	0.0	-	-	0.0	-	-	1.7	-	-
130.0	30.0	0.0	-	0.0	-	-	0.0	-	-	2.1	-	-
130.0	35.0	0.0	-	0.0	-	-	0.0	-	-	3.0	-	-
130.0	45.0	0.0	-	0.0	-	-	0.0	-	-	3.0	-	-
130.0	55.0	0.0	-	0.0	-	-	0.0	-	-	2.8	-	-

TABLE 4. (cont.)

Synodus spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
133.0	21.0	-	-	0.0	-	-	-	0.0	-	153.9	-	-
133.0	23.0	-	-	0.0	-	-	-	0.0	-	87.8	-	-
133.0	25.0	-	-	0.0	-	-	-	0.0	-	0.0	-	-
133.0	35.0	-	-	0.0	-	-	-	0.0	-	3.2	-	-
137.0	20.0	-	-	-	0.0	-	0.0	-	-	1.6	-	-
137.0	21.0	-	-	-	0.0	-	0.0	-	-	4.3	-	-
137.0	22.0	-	-	-	0.0	-	0.0	-	-	10.4	-	-
137.0	23.0	-	-	-	0.0	-	0.0	-	-	49.2	-	-
140.0	30.0	-	-	-	-	-	0.0	-	-	-	-	-
140.0	35.0	-	-	-	-	-	0.0	-	-	-	-	-

Microgadus proximus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	51.0	-	-	2.8	-	-	0.0	-	-	-	-	-
63.0	50.0	-	-	1.8	-	-	-	-	-	-	-	-
63.0	51.0	-	-	0.0	-	1.1	-	-	-	-	-	-

Merluccius productus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	50.0	1.4	-	0.0	-	-	0.0	-	-	-	-	-
63.0	52.0	2.5	-	0.0	-	0.0	-	-	-	-	-	-
63.0	55.0	2.7	-	6.5	-	-	-	-	-	-	-	-
67.0	48.0	0.0	-	1.0	-	-	-	-	-	-	-	-
67.0	50.0	2.7	-	0.0	-	0.0	-	-	-	-	-	-
67.0	55.0	2.8	-	0.0	-	0.0	-	-	-	-	-	-
67.0	65.0	-	-	3.9	-	-	-	-	-	-	-	-
70.0	50.0	19.0	-	0.0	-	0.0	-	-	-	-	-	-
70.0	51.0	25.0	-	0.0	-	0.0	-	-	-	-	-	-
70.0	52.0	2.8	-	3.0	-	0.0	-	-	-	-	-	-
70.0	53.0	35.6	-	3.0	-	0.0	-	-	-	-	-	-
70.0	70.0	0.0	-	16.6	-	0.0	-	-	-	-	-	-
73.0	50.0	3.3	-	2.0	-	0.0	-	-	-	-	-	-
73.0	51.0	10.8	-	17.6	-	0.0	-	-	-	-	-	-
73.0	53.0	70.5	-	3.2	-	0.0	-	-	-	-	-	-
73.0	60.0	2.5	-	18.7	-	0.0	-	-	-	-	-	-
73.0	65.0	-	-	9.0	-	-	-	-	-	-	-	-
76.2	49.8	165.8	-	-	-	-	-	-	-	-	-	-
76.2	52.2	13.5	-	-	-	-	-	-	-	-	-	-
76.2	54.6	13.3	-	-	-	-	-	-	-	-	-	-
76.2	57.0	23.2	-	-	-	-	-	-	-	-	-	-
76.2	60.0	6.4	-	-	-	0.0	-	-	-	-	-	-
76.2	70.0	10.7	-	-	-	0.0	-	-	-	-	-	-

TABLE 4. (cont.)

<i>Merluccius productus</i> (cont.)											
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV. DEC.
77.0	48.0	1.4	-	-	-	0.0	-	-	-	-	-
77.0	49.0	3.3	-	5.2	-	0.0	-	-	-	-	-
77.0	51.0	12.2	-	20.4	-	0.0	-	-	-	-	-
77.0	52.9	24.2	-	-	-	-	-	-	-	-	-
77.0	55.0	11.6	-	27.7	-	0.0	-	-	-	-	-
77.0	57.0	-	-	15.9	-	-	-	-	-	-	-
77.0	57.6	5.7	-	-	-	-	-	-	-	-	-
77.0	60.0	21.2	-	49.1	-	2.8	-	-	-	-	-
77.0	63.3	8.9	-	-	-	-	-	-	-	-	-
77.0	65.0	-	-	15.1	-	0.0	-	-	-	-	-
77.0	66.7	2.0	-	-	-	-	-	-	-	-	-
77.0	70.0	5.5	-	12.7	-	0.0	-	-	-	-	-
77.0	80.0	-	-	12.4	-	-	-	-	-	-	-
77.8	51.1	31.3	-	-	-	-	-	-	-	-	-
77.8	54.0	17.0	-	-	-	-	-	-	-	-	-
77.8	57.0	8.5	-	-	-	-	-	-	-	-	-
77.8	63.3	5.6	-	-	-	-	-	-	-	-	-
77.8	66.7	5.6	-	-	-	-	-	-	-	-	-
78.5	52.5	5.9	-	-	-	-	-	-	-	-	-
78.5	54.5	10.8	-	-	-	-	-	-	-	-	-
78.5	57.2	16.7	-	-	-	-	-	-	-	-	-
78.5	60.0	19.7	-	-	-	0.0	-	-	-	-	-
78.5	63.3	8.7	-	-	-	-	-	-	-	-	-
78.5	66.7	2.8	-	-	-	-	-	-	-	-	-
79.2	52.6	32.2	-	-	-	-	-	-	-	-	-
79.2	54.4	31.5	-	-	-	-	-	-	-	-	-
79.2	57.3	15.2	-	-	-	-	-	-	-	-	-
79.2	60.0	5.9	-	-	-	-	-	-	-	-	-
80.0	51.0	6.0	-	11.3	-	0.0	-	-	0.0	0.0	-
80.0	52.0	31.7	-	0.0	-	0.0	-	-	0.0	0.0	-
80.0	53.0	20.8	-	-	-	0.0	-	-	0.0	0.0	-
80.0	55.0	11.1	-	48.5	-	0.0	-	-	0.0	0.0	-
80.0	57.6	13.0	-	-	-	-	-	-	-	-	-
80.0	60.0	18.0	-	9.4	-	0.0	-	-	0.0	0.0	-
80.0	63.3	2.8	-	-	-	-	-	-	-	-	-
80.0	65.0	-	-	7.9	-	0.0	-	-	0.0	0.0	-
80.0	70.0	0.0	-	23.0	-	0.0	-	-	0.0	0.0	-
80.0	80.0	8.3	-	62.0	-	0.0	-	-	-	-	-
80.8	47.7	8.5	-	-	-	-	-	-	-	-	-
80.8	51.0	16.7	-	-	-	-	-	-	-	-	-
80.8	54.0	5.7	-	-	-	-	-	-	-	-	-
80.8	55.0	-	-	-	-	6.6	-	-	-	-	-
80.8	57.0	26.1	-	-	-	-	-	-	-	-	-
80.8	60.0	2.6	-	-	-	2.6	-	-	-	-	-
80.8	70.0	3.3	-	-	-	3.3	-	-	-	-	-
81.5	45.2	11.9	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Merluccius productus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
81.5	46.1	-	-	-	-	-	-	-	-	-	-	-
81.5	49.4	-	-	-	-	-	-	-	-	-	-	-
81.5	50.4	-	-	-	-	0.0	-	-	-	-	-	-
81.5	55.0	-	-	-	-	0.0	-	-	-	-	-	-
81.5	57.0	-	-	-	-	-	-	-	-	-	-	-
81.5	60.0	-	-	-	-	-	0.0	-	-	0.0	-	-
82.0	47.0	67.0	-	26.6	-	-	-	-	-	-	-	-
82.2	47.0	-	-	-	-	-	-	-	-	-	-	-
82.2	57.2	-	-	-	-	0.0	-	-	-	-	-	-
82.2	60.0	-	-	-	-	2.3	-	-	-	-	-	-
82.2	65.0	-	-	-	-	0.0	-	-	-	-	-	-
83.0	39.0	1.5	-	0.0	-	-	0.0	-	-	0.0	-	-
83.0	42.0	-	-	-	-	-	-	-	-	-	-	-
83.0	43.0	34.3	-	9.9	-	-	0.0	-	-	0.0	-	-
83.0	44.3	-	-	-	-	-	-	-	-	-	-	-
83.0	51.0	11.6	-	12.8	-	0.0	-	-	-	-	-	-
83.0	52.9	-	-	-	-	-	-	-	-	-	-	-
83.0	55.0	72.0	-	-	-	0.0	3.0	-	-	0.0	-	-
83.0	60.0	74.8	-	12.0	-	0.0	-	-	-	0.0	-	-
83.0	65.0	35.3	-	35.3	-	0.0	-	-	-	0.0	-	-
83.0	70.0	391.3	-	45.6	-	0.0	-	-	-	0.0	-	-
83.0	80.0	392.2	-	55.8	-	-	0.0	-	-	0.0	-	-
85.0	43.0	2.6	-	3.0	-	-	0.0	-	-	0.0	-	-
87.0	32.5	-	-	-	-	2.2	-	-	-	-	-	-
87.0	34.0	0.3	-	0.0	-	-	0.0	-	-	0.0	-	-
87.0	35.0	1.4	-	0.0	-	-	0.0	-	-	0.0	-	-
87.0	40.0	0.0	-	13.9	-	-	0.0	-	-	0.0	-	-
87.0	45.0	99.9	-	9.2	-	-	0.0	-	-	0.0	-	-
87.0	50.0	208.6	-	3.0	-	-	0.0	-	-	0.0	-	-
87.0	55.0	-	-	2.9	-	-	0.0	-	-	2.6	-	-
87.0	55.0	11.0	-	5.9	-	-	0.0	-	-	0.0	-	-
87.0	60.0	5.1	-	6.1	-	-	0.0	-	-	0.0	-	-
87.0	65.0	30.1	-	16.8	-	-	0.0	-	-	0.0	-	-
87.0	70.0	11.6	-	15.9	-	-	0.0	-	-	0.0	-	-
87.0	80.0	0.0	-	88.3	-	-	0.0	-	-	0.0	-	-
87.0	90.0	0.0	-	50.1	-	-	0.0	-	-	0.0	-	-
87.0	100.0	-	-	2.9	-	-	-	-	-	-	-	-
90.0	28.0	17.7	-	9.2	-	-	0.0	-	-	0.0	-	-
90.0	32.0	165.3	-	35.6	-	-	0.0	-	-	0.0	-	-
90.0	37.0	98.7	-	11.9	-	-	0.0	-	-	0.0	-	-
90.0	45.0	32.4	-	8.9	-	-	0.0	-	-	0.0	-	-
90.0	53.0	19.0	-	0.0	-	-	0.0	-	-	0.0	-	-
90.0	60.0	4.8	-	14.8	-	-	0.0	-	-	0.0	-	-
90.0	65.0	103.4	-	8.6	-	-	0.0	-	-	0.0	-	-
90.0	70.0	0.0	-	54.0	-	-	0.0	-	-	0.0	-	-
90.0	80.0	0.0	-	58.0	-	-	0.0	-	-	0.0	-	-
90.0	90.0	0.0	-	6.1	-	-	0.0	-	-	0.0	-	-
90.0	100.0	0.0	-	5.8	-	-	0.0	-	-	0.0	-	-

TABLE 4. (cont.)

Merluccius productus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	27.0	13.2	-	0.0	-	-	0.0	-	-	0.0	-	-
93.0	28.0	30.5	-	0.0	-	-	0.0	-	-	0.0	-	-
93.0	30.0	128.1	-	11.2	-	-	0.0	-	-	0.0	-	-
93.0	35.0	105.6	-	19.0	-	-	0.0	-	-	0.0	-	-
93.0	40.0	85.1	-	2.9	-	-	0.0	-	-	0.0	-	-
93.0	45.0	17.1	-	5.7	-	-	0.0	-	-	0.0	-	-
93.0	50.0	6.6	-	13.5	-	-	0.0	-	-	0.0	-	-
93.0	55.0	256.1	-	122.3	-	-	0.0	-	-	0.0	-	-
93.0	60.0	254.8	-	34.4	-	-	0.0	-	-	0.0	-	-
93.0	65.0	23.6	-	0.0	-	-	0.0	-	-	0.0	-	-
93.0	70.0	350.8	-	10.1	-	-	0.0	-	-	0.0	-	-
93.0	80.0	1516.8	-	76.7	-	-	-	-	-	0.0	-	-
93.0	90.0	166.1	-	5.3	-	-	-	-	-	0.0	-	-
93.0	100.0	5.9	-	17.4	-	-	-	-	-	0.0	-	-
97.0	28.6	1.6	-	-	-	-	-	-	-	-	-	-
97.0	29.0	0.9	-	0.0	-	-	0.0	-	-	0.0	-	-
97.0	30.0	0.9	-	16.8	-	-	0.0	-	-	0.0	-	-
97.0	32.0	3.1	-	5.4	-	-	0.0	-	-	0.0	-	-
97.0	35.0	12.8	-	7.9	-	-	0.0	-	-	0.0	-	-
97.0	40.0	0.0	-	2.8	-	-	0.0	-	-	0.0	-	-
97.0	45.0	2.9	-	8.7	-	-	-	-	-	0.0	-	-
97.0	50.0	34.2	-	11.7	-	-	0.0	-	-	0.0	-	-
97.0	55.0	50.3	-	8.4	-	-	0.0	-	-	0.0	-	-
97.0	60.0	105.1	-	34.6	-	-	0.0	-	-	0.0	-	-
97.0	65.0	114.8	-	2.8	-	-	0.0	-	-	0.0	-	-
97.0	70.0	55.4	-	49.5	-	-	-	-	-	0.0	-	-
97.0	80.0	3.0	-	35.2	-	-	-	-	-	0.0	-	-
97.0	90.0	-	-	2.8	-	-	-	-	-	-	-	-
97.0	100.0	14.3	-	0.0	-	-	0.0	-	-	0.0	-	-
100.0	35.0	5.9	-	3.1	-	-	0.0	-	-	0.0	-	-
100.0	40.0	49.6	-	0.0	-	-	0.0	-	-	0.0	-	-
100.0	45.0	33.4	-	3.0	-	-	0.0	-	-	0.0	-	-
100.0	50.0	14.1	-	2.9	-	-	0.0	-	-	0.0	-	-
100.0	55.0	8.3	-	5.9	-	-	0.0	-	-	0.0	-	-
100.0	60.0	20.3	-	27.6	-	-	0.0	-	-	0.0	-	-
103.0	30.0	3.0	-	3.1	-	-	0.0	-	-	0.0	-	-
103.0	40.0	0.0	-	9.3	-	-	-	-	-	0.0	-	-
103.0	45.0	0.0	-	0.0	-	-	0.0	-	-	0.0	-	-
103.0	50.0	18.1	-	0.0	-	-	0.0	-	-	0.0	-	-
103.0	55.0	3.1	-	0.0	-	-	0.0	-	-	0.0	-	-
103.0	65.0	1.0	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0	31.0	3.3	-	12.9	-	-	0.0	-	-	0.0	-	-
107.0	32.0	7.0	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0	40.0	2.8	-	3.1	-	-	0.0	-	-	0.0	-	-
107.0	45.0	6.2	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0	65.0	-	-	-	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

Merluccius productus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
110.0	35.0	23.6	-	0.0	-	-	0.0	-	-	0.0	-	-
110.0	40.0	0.0	-	10.0	-	-	0.0	-	-	0.0	-	-
113.0	35.0	3.1	-	0.0	-	-	0.0	-	-	16.5	-	-
115.0	35.0	-	154.2	-	-	-	0.0	-	-	-	-	-
117.0	24.8	7.8	-	0.0	-	-	0.0	-	-	0.0	-	-
117.0	25.0	18.5	-	0.0	-	-	0.0	-	-	0.0	-	-
117.0	26.0	51.2	-	0.0	-	-	0.0	-	-	0.0	-	-
117.0	30.0	88.6	-	67.2	-	-	2.9	-	-	2.7	-	-
117.0	35.0	120.6	-	0.0	-	-	3.1	-	-	12.7	-	-
117.0	40.0	853.5	-	27.3	-	-	0.0	-	-	0.0	-	-
117.0	45.0	42.5	-	0.0	-	-	0.0	-	-	6.7	-	-
117.0	50.0	23.0	-	0.0	-	-	0.0	-	-	0.0	-	-
117.0	60.0	5.8	-	0.0	-	-	0.0	-	-	0.0	-	-
118.0	39.0	18.1	-	26.8	-	-	0.0	-	-	0.0	-	-
120.0	22.5	0.5	-	0.0	-	-	0.0	-	-	0.0	-	-
120.0	24.0	1.9	-	0.0	-	-	0.0	-	-	0.0	-	-
120.0	25.0	1.3	-	0.0	-	-	3.0	-	-	0.0	-	-
120.0	45.0	84.1	-	3.1	-	-	0.0	-	-	0.0	-	-
120.0	55.0	2.9	-	0.0	-	-	0.0	-	-	0.0	-	-
120.0	60.0	6.1	-	0.0	-	-	0.0	-	-	0.0	-	-
120.0	65.0	3.1	-	0.0	-	-	0.0	-	-	0.0	-	-
123.0	37.0	1.4	-	0.0	-	-	0.0	-	-	0.0	-	-
123.0	45.0	3.2	-	0.0	-	-	0.0	-	-	0.0	-	-
127.0	50.0	5.7	-	0.0	-	-	-	0.0	-	0.0	-	-
130.0	26.0	1.7	-	0.0	-	-	-	0.0	-	0.0	-	-
130.0	28.0	0.9	-	0.0	-	-	0.0	-	-	0.0	-	-
130.0	30.0	18.4	-	0.0	-	-	0.0	-	-	0.0	-	-
130.0	35.0	48.6	-	0.0	-	-	0.0	-	-	0.0	-	-
130.0	40.0	40.2	-	0.0	-	-	0.0	-	-	0.0	-	-
130.0	45.0	6.3	-	0.0	-	-	0.0	-	-	0.0	-	-
133.0	23.0	13.1	-	0.0	-	-	-	0.0	-	0.0	-	-
133.0	25.0	41.4	-	0.0	-	-	-	0.0	-	0.0	-	-
133.0	30.0	301.3	-	0.0	-	-	-	0.0	-	0.0	-	-
133.0	35.0	1130.7	-	0.0	-	-	-	0.0	-	0.0	-	-
133.0	40.0	361.6	-	6.4	-	-	-	0.0	-	0.0	-	-
133.0	45.0	31.7	-	10.1	-	-	-	0.0	-	0.0	-	-
133.0	50.0	5.3	-	0.0	-	-	-	0.0	-	0.0	-	-
133.0	60.0	2.6	-	0.0	-	-	-	0.0	-	0.0	-	-
137.0	35.0	30.6	-	-	0.0	-	0.0	-	-	0.0	-	-
137.0	40.0	25.1	-	0.0	-	-	0.0	-	-	0.0	-	-
137.0	45.0	9.8	-	0.0	-	-	0.0	-	-	0.0	-	-
140.0	28.8	1.3	-	-	-	-	-	-	-	-	-	-
140.0	35.0	210.5	-	-	-	-	0.0	-	-	-	-	-
140.0	40.0	15.1	-	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Physiculus spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
130.0 40.0	-	2.9	-	0.0	-	-	0.0	-	-	0.0	-	-

Macrouridae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0 40.0	-	2.7	-	0.0	-	-	0.0	-	-	0.0	-	-
90.0 37.0	-	2.5	-	0.0	-	-	0.0	-	-	0.0	-	-
90.0 160.0	-	2.6	-	-	-	-	0.0	-	-	-	-	-
93.0 80.0	-	3.2	-	0.0	-	-	-	-	-	0.0	-	-
117.0 45.0	-	0.0	-	0.0	-	-	0.0	-	-	3.3	-	-

Ophidiiformes

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 51.0	2.3	-	-	0.0	-	-	0.0	-	-	-	-	-
70.0 51.0	0.0	-	-	0.0	-	2.8	-	-	-	-	-	-
73.0 51.0	0.0	-	-	0.0	-	19.0	-	-	-	-	-	-
73.0 53.0	0.0	-	-	0.0	-	5.6	-	-	-	-	-	-
73.0 60.0	0.0	-	-	0.0	-	7.2	-	-	-	-	-	-
76.2 50.0	-	-	-	-	-	2.7	-	-	-	-	-	-
76.2 52.5	-	-	-	-	-	8.7	-	-	-	-	-	-
76.2 55.5	-	-	-	-	-	2.8	-	-	-	-	-	-
76.2 60.0	0.0	-	-	-	-	5.4	-	-	-	-	-	-
77.0 51.0	0.0	-	-	0.0	-	29.6	-	-	-	-	-	-
77.0 53.0	-	-	-	-	-	9.0	-	-	-	-	-	-
77.0 70.0	0.0	-	-	3.2	-	4.4	-	-	-	-	-	-
77.8 53.0	-	-	-	-	-	2.3	-	-	-	-	-	-
79.2 52.6	9.0	-	-	-	-	6.7	-	-	-	-	-	-
79.2 53.0	-	-	-	-	-	6.7	-	-	-	-	-	-
80.0 53.0	5.9	-	-	-	-	-	-	-	-	-	-	-
80.0 57.6	5.2	-	-	-	-	-	-	-	-	-	-	-
81.5 45.2	0.0	-	-	-	-	3.0	-	-	-	-	-	-
83.0 60.0	0.0	0.0	-	3.2	-	0.0	0.0	-	-	0.0	-	-
90.0 70.0	-	0.0	-	0.0	-	-	3.1	-	-	0.0	-	-
97.0 35.0	-	0.0	-	0.0	-	-	0.0	-	-	2.9	-	-
100.0 30.0	-	0.0	-	0.0	-	-	0.0	-	-	2.9	-	-
117.0 24.8	-	0.0	-	0.0	-	-	0.0	-	-	1.3	-	-
117.0 25.0	-	0.0	-	0.0	-	-	0.0	-	-	7.4	-	-
117.0 35.0	-	0.0	-	0.0	-	-	0.0	-	-	6.3	-	-
118.0 39.0	-	0.0	-	0.0	-	-	0.0	-	-	0.0	-	-
119.0 33.0	-	-	0.0	8.9	-	-	0.0	-	-	9.2	-	-
120.0 24.0	-	0.0	-	0.0	-	-	0.0	-	-	2.3	-	-
120.0 25.0	-	0.0	-	0.0	-	-	0.0	-	-	7.5	-	-
120.0 30.0	-	0.0	-	0.0	-	-	0.0	-	-	31.0	-	-

TABLE 4. (cont.)

Ophidiiformes (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0 35.0	-	0.0	-	0.0	-	-	0.0	-	-	14.2	-	-
120.0 40.0	-	0.0	-	2.5	-	-	0.0	-	-	4.1	-	-
123.0 36.0	-	0.0	-	0.0	-	-	0.0	-	-	1.1	-	-
123.0 42.0	-	0.0	-	3.3	-	-	0.0	-	-	0.0	-	-
123.0 50.0	-	0.0	-	0.0	-	-	0.0	-	-	3.0	-	-
127.0 32.6	-	0.0	-	8.9	-	-	-	0.0	-	1.0	-	-
127.0 34.0	-	0.0	-	0.0	-	-	-	0.0	-	5.5	-	-
133.0 21.0	-	0.0	-	0.0	-	-	-	2.6	-	7.4	-	-
133.0 23.0	-	0.0	-	0.0	-	-	-	0.0	-	35.8	-	-
133.0 25.0	-	0.0	-	0.0	-	-	-	0.0	-	2.6	-	-
137.0 21.0	-	0.0	-	-	0.0	-	1.1	-	-	0.0	-	-
137.0 22.0	-	0.0	-	-	0.0	-	6.2	-	-	57.4	-	-
137.0 23.0	-	0.0	-	-	0.0	-	0.0	-	-	15.5	-	-

Brosomphycis marginata

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 55.0	0.0	-	-	2.9	-	-	0.0	-	-	-	-	-
76.2 55.5	-	-	-	-	-	2.8	-	-	-	-	-	-
117.0 40.0	-	0.0	-	0.0	-	-	3.1	-	-	0.0	-	-

Carapidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
137.0 23.0	-	0.0	-	-	0.0	-	0.0	-	-	2.6	-	-

Chilara taylori

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0 51.0	3.1	-	-	0.0	-	0.0	-	-	-	-	-	-
77.8 54.0	2.8	-	-	-	-	-	-	-	-	-	-	-
79.2 57.3	6.1	-	-	-	-	-	-	-	-	-	-	-
80.0 53.0	3.0	-	-	-	0.0	-	-	-	-	-	-	-
83.0 40.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	-	3.0	-	-
93.0 60.0	-	-	-	0.0	-	-	3.4	-	-	0.0	-	-
100.0 55.0	-	2.8	-	0.0	-	-	0.0	-	-	0.0	-	-
113.0 28.5	-	0.0	-	0.0	-	-	0.0	-	-	0.6	-	-
117.0 30.0	-	0.0	-	0.0	-	-	0.0	-	-	2.7	-	-
117.0 45.0	-	0.0	-	0.0	-	-	0.0	-	-	3.3	-	-
127.0 45.0	-	0.0	-	0.0	-	-	0.0	0.0	-	6.4	-	-

TABLE 4. (cont.)

Ophidion scrippsae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	40.0	0.0	-	0.0	-	0.0	0.0	-	-	3.0	-	-
87.0	34.0	0.0	-	0.0	-	-	0.0	-	-	2.0	-	-
90.0	27.5	0.0	-	0.0	-	-	0.0	-	-	0.8	-	-
97.0	29.0	0.0	-	0.0	-	-	0.0	-	-	3.0	-	-
97.0	30.0	0.0	-	0.0	-	-	0.0	-	-	2.3	-	-
120.0	35.0	0.0	-	0.0	-	-	0.0	-	-	8.5	-	-
120.0	40.0	0.0	-	0.0	-	-	0.0	-	-	4.1	-	-
120.0	50.0	0.0	-	0.0	-	-	0.0	-	-	2.9	-	-
127.0	32.6	0.0	-	0.0	-	-	-	0.0	-	4.2	-	-
130.0	25.5	0.0	-	0.0	-	-	0.0	-	-	3.3	-	-
130.0	26.0	0.0	-	0.0	-	-	-	-	-	3.2	-	-
130.0	28.0	0.0	-	0.0	-	-	0.0	-	-	3.5	-	-
130.0	30.0	0.0	-	0.0	-	-	0.0	-	-	2.1	-	-
130.0	35.0	0.0	-	0.0	-	-	0.0	-	-	20.9	-	-
133.0	21.0	0.0	-	0.0	-	-	-	0.0	-	88.8	-	-
133.0	23.0	1.6	-	0.0	-	-	-	0.0	-	6.5	-	-
137.0	22.0	0.0	-	-	0.0	-	0.0	-	-	23.5	-	-
137.0	23.0	0.0	-	-	0.0	-	0.0	-	-	7.8	-	-

Porichthys spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
127.0	33.0	-	0.0	-	-	-	-	0.0	-	2.8	-	-

Ceratioidei

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0	200.0	-	-	-	-	-	3.0	-	-	-	-	-
97.0	80.0	-	-	0.0	-	-	-	-	-	2.9	-	-
107.0	80.0	0.0	-	0.0	-	-	5.5	-	-	0.0	-	-
110.0	65.0	0.0	-	0.0	-	-	0.0	-	-	3.0	-	-
110.0	80.0	0.0	-	0.0	-	-	0.0	-	-	3.2	-	-
117.0	80.0	0.0	-	0.0	-	-	0.0	-	-	2.6	-	-
120.0	65.0	0.0	-	0.0	-	-	0.0	-	-	2.8	-	-

Gobiesocidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	50.2	0.0	-	-	-	0.0	-	-	-	5.3	-	-
103.0	29.0	0.0	-	0.0	-	-	0.0	-	-	2.4	-	-
110.0	32.0	0.0	-	0.0	-	-	0.0	-	-	3.8	-	-
120.0	22.5	0.0	-	0.0	-	-	1.6	-	-	0.0	-	-
120.0	23.0	0.0	-	0.0	-	-	0.9	-	-	0.0	-	-

TABLE 4. (cont.)

Gobiesocidae (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0 24.0	-	0.0	-	0.0	-	-	0.9	-	-	0.0	-	-
133.0 21.0	-	0.0	-	0.0	-	-	-	2.6	-	0.0	-	-
137.0 21.0	-	0.0	-	-	0.0	-	4.4	-	-	0.0	-	-

Exocoetidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
123.0 42.0	-	0.0	-	0.0	-	-	3.3	-	-	0.0	-	-
123.0 45.0	-	0.0	-	0.0	-	-	3.2	-	-	0.0	-	-
137.0 35.0	-	0.0	-	-	0.0	-	5.4	-	-	0.0	-	-

Hemiramphidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
133.0 30.0	-	0.0	-	3.2	-	-	-	0.0	-	0.0	-	-
137.0 20.0	-	0.0	-	-	0.0	-	0.7	-	-	0.0	-	-

Cololabis saira

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0 55.0	0.0	-	-	2.5	-	0.0	-	-	-	-	-	-
77.0 70.0	0.0	-	-	6.3	-	0.0	-	-	-	-	-	-
83.0 65.0	-	0.0	-	42.6	-	0.0	0.0	-	-	0.0	-	-
83.8 48.0	-	-	-	-	-	2.6	-	-	-	-	-	-
85.0 53.0	-	-	-	-	-	2.6	-	-	-	-	-	-
87.0 35.0	-	2.7	-	0.0	-	-	0.0	-	-	3.3	-	-
87.0 45.0	-	0.0	-	0.0	-	-	0.0	-	-	3.3	-	-
93.0 100.0	-	0.0	-	2.9	-	-	-	-	-	0.0	-	-
103.0 40.0	-	0.0	-	3.1	-	-	2.7	-	-	0.0	-	-
103.0 70.0	-	0.0	-	2.9	-	-	0.0	-	-	0.0	-	-
107.0 32.0	-	0.0	-	0.0	-	-	0.0	-	-	3.0	-	-
107.0 55.0	-	3.2	-	0.0	-	-	0.0	-	-	2.9	-	-
107.0 90.0	-	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
110.0 50.0	-	0.0	-	3.4	-	-	0.0	-	-	0.0	-	-
113.0 60.0	-	0.0	-	6.7	-	-	0.0	-	-	0.0	-	-
117.0 45.0	-	2.8	-	0.0	-	-	0.0	-	-	0.0	-	-
120.0 80.0	-	2.7	-	0.0	-	-	0.0	-	-	-	-	-
123.0 70.0	-	0.0	-	3.2	-	-	0.0	-	-	0.0	-	-
137.0 55.0	-	0.0	-	2.9	-	-	0.0	-	-	0.0	-	-

TABLE 4. (cont.)

Atherinidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
76.2 49.8	2.2	-	-	-	-	-	-	-	-	-	-	-
77.0 47.6	1.2	-	-	-	-	0.0	-	-	-	-	-	-
77.0 48.0	0.5	-	-	-	-	0.0	-	-	-	-	-	-
77.0 49.0	1.1	-	-	0.0	-	0.0	-	-	-	-	-	-
82.0 47.0	-	3.3	-	0.0	-	-	0.0	-	-	0.0	-	-
83.0 39.0	-	16.7	-	0.0	-	0.0	1.0	-	-	0.0	-	-
90.0 27.5	-	0.0	-	0.0	-	-	3.9	-	-	0.0	-	-
97.0 28.6	-	0.6	-	-	-	-	-	-	-	-	-	-
97.0 29.0	-	0.8	-	0.5	-	-	0.0	-	-	0.0	-	-
97.0 30.0	-	0.9	-	0.0	-	-	0.0	-	-	0.0	-	-
103.0 28.5	-	0.3	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0 30.0	-	25.2	-	1.8	-	-	0.0	-	-	0.0	-	-
107.0 31.0	-	3.1	-	0.0	-	-	0.0	-	-	0.0	-	-
113.0 28.5	-	4.3	-	0.0	-	-	0.0	-	-	1.1	-	-
113.0 29.0	-	1.7	-	0.0	-	-	0.0	-	-	0.0	-	-
113.0 30.0	-	2.4	-	0.0	-	-	0.0	-	-	0.0	-	-
130.0 25.5	-	5.1	-	0.0	-	-	0.0	-	-	0.0	-	-
130.0 26.0	-	0.8	-	0.0	-	-	0.0	-	-	0.0	-	-
130.0 30.0	-	2.6	-	0.0	-	-	0.0	-	-	0.0	-	-

Trachipteridae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 100.0	-	0.0	-	-	-	-	2.9	-	-	-	-	-
67.0 60.0	0.0	-	-	3.3	-	0.0	-	-	-	-	-	-
70.0 80.0	0.0	-	-	0.0	-	6.1	-	-	-	-	-	-
76.2 70.0	2.7	-	-	-	-	2.8	-	-	-	-	-	-
77.0 63.3	3.0	-	-	-	-	-	-	-	-	-	-	-
78.5 74.0	2.7	-	-	-	-	-	-	-	-	-	-	-
79.2 70.0	5.8	-	-	-	-	0.0	-	-	-	-	-	-
80.0 80.0	2.8	-	-	0.0	-	0.0	-	-	-	0.0	-	-
80.0 100.0	2.7	-	-	-	-	0.0	-	-	-	-	-	-
82.2 53.5	-	-	-	-	-	2.8	-	-	-	-	-	-
82.2 55.0	-	-	-	-	-	2.7	-	-	-	-	-	-
85.0 53.0	-	-	-	-	-	2.6	-	-	-	-	-	-
87.0 50.0	-	-	-	0.0	-	-	0.0	-	-	2.6	-	-
87.0 65.0	-	0.0	-	2.8	-	-	0.0	-	-	0.0	-	-
87.0 70.0	-	0.0	-	0.0	-	-	3.0	-	-	0.0	-	-
87.0 90.0	-	0.0	-	0.0	-	-	0.0	-	-	3.0	-	-
97.0 60.0	-	0.0	-	2.8	-	-	0.0	-	-	0.0	-	-
103.0 45.0	-	3.0	-	0.0	-	-	-	-	-	0.0	-	-
103.0 60.0	-	0.0	-	0.0	-	-	3.0	-	-	0.0	-	-
110.0 55.0	-	0.0	-	0.0	-	-	0.0	-	-	3.1	-	-
127.0 45.0	-	0.0	-	0.0	-	-	0.0	-	-	3.2	-	-
								0.0				

TABLE 4. (cont.)

Melamphaes spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	70.0	2.7	-	0.0	-	-	0.0	-	-	-	-	-
60.0	120.0	-	-	-	-	-	2.9	-	-	-	-	-
60.0	180.0	-	-	-	-	-	10.2	-	-	-	-	-
60.0	190.0	-	-	-	-	-	10.1	-	-	-	-	-
63.0	200.0	-	-	-	-	-	3.1	-	-	-	-	-
67.0	60.0	-	-	0.0	-	2.7	-	-	-	-	-	-
70.0	53.0	-	-	0.0	-	0.0	-	-	-	-	-	-
70.0	60.0	-	-	0.0	-	3.6	-	-	-	-	-	-
70.0	65.0	-	-	3.5	-	-	-	-	-	-	-	-
70.0	70.0	-	-	8.3	-	2.8	-	-	-	-	-	-
76.2	54.6	-	-	-	-	0.0	-	-	-	-	-	-
76.2	60.0	-	-	2.2	-	0.0	-	-	-	-	-	-
77.0	60.0	-	-	2.9	-	0.0	-	-	-	-	-	-
77.0	65.0	-	-	3.0	-	0.0	-	-	-	-	-	-
77.0	70.0	-	-	3.2	-	0.0	-	-	-	-	-	-
77.0	80.0	-	-	6.2	-	0.0	-	-	-	-	-	-
79.2	65.0	-	-	-	-	3.8	-	-	-	0.0	-	-
80.0	60.0	-	-	0.0	-	6.0	-	-	-	0.0	-	-
80.0	70.0	-	-	8.6	-	0.0	-	-	-	0.0	-	-
80.0	120.0	-	-	-	-	-	-	-	-	-	-	-
80.0	200.0	-	-	-	-	-	2.6	-	-	-	-	-
82.0	47.0	-	-	6.6	-	-	0.0	-	-	0.0	-	-
83.0	60.0	0.0	-	3.2	-	0.0	0.0	-	-	0.0	-	-
83.0	65.0	0.0	-	3.0	-	0.0	0.0	-	-	0.0	-	-
83.0	80.0	2.6	-	0.0	-	-	6.4	-	-	0.0	-	-
85.0	60.0	-	-	-	-	2.7	-	-	-	-	-	-
87.0	55.0	0.0	-	2.9	-	-	0.0	-	-	0.0	-	-
87.0	60.0	0.0	-	0.0	-	-	3.7	-	-	0.0	-	-
87.0	65.0	2.7	-	2.8	-	-	0.0	-	-	0.0	-	-
87.0	70.0	0.0	-	0.0	-	-	3.0	-	-	0.0	-	-
87.0	80.0	0.0	-	0.0	-	-	3.0	-	-	0.0	-	-
87.0	90.0	2.9	-	6.3	-	-	0.0	-	-	0.0	-	-
90.0	60.0	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
90.0	65.0	2.7	-	0.0	-	-	0.0	-	-	0.0	-	-
90.0	70.0	5.4	-	3.0	-	-	15.5	-	-	0.0	-	-
90.0	80.0	0.0	-	2.8	-	-	0.0	-	-	0.0	-	-
90.0	90.0	0.0	-	9.1	-	-	3.3	-	-	0.0	-	-
90.0	100.0	2.6	-	0.0	-	-	0.0	-	-	0.0	-	-
90.0	120.0	0.0	-	-	-	-	3.0	-	-	-	-	-
90.0	140.0	0.0	-	-	-	-	0.0	-	-	-	-	-
90.0	180.0	2.6	-	-	-	-	0.0	-	-	-	-	-
90.0	200.0	7.4	-	-	-	-	2.5	-	-	-	-	-
93.0	35.0	0.0	-	2.7	-	-	0.0	-	-	0.0	-	-
93.0	50.0	0.0	-	2.7	-	-	0.0	-	-	0.0	-	-
93.0	80.0	0.0	-	3.0	-	-	-	-	-	0.0	-	-
93.0	90.0	0.0	-	8.0	-	-	-	-	-	0.0	-	-

TABLE 4. (cont.)

Melamphaes spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	40.0	0.0	-	0.0	-	-	0.0	-	-	2.7	-	-
97.0	45.0	0.0	-	0.0	-	-	0.0	-	-	6.3	-	-
97.0	60.0	0.0	-	5.6	-	-	0.0	-	-	0.0	-	-
97.0	65.0	0.0	-	2.9	-	-	0.0	-	-	0.0	-	-
97.0	80.0	0.0	-	8.3	-	-	-	-	-	3.0	-	-
97.0	90.0	0.0	-	0.0	-	-	-	-	-	0.0	-	-
100.0	50.0	0.0	-	0.0	-	-	7.6	-	-	0.0	-	-
100.0	55.0	2.8	-	0.0	-	-	0.0	-	-	0.0	-	-
100.0	70.0	0.0	-	0.0	-	-	0.0	-	-	3.1	-	-
100.0	90.0	0.0	-	2.9	-	-	0.0	-	-	0.0	-	-
103.0	40.0	0.0	-	3.1	-	-	0.0	-	-	0.0	-	-
103.0	65.0	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
103.0	70.0	0.0	-	2.9	-	-	0.0	-	-	0.0	-	-
103.0	80.0	0.0	-	2.9	-	-	0.0	-	-	0.0	-	-
103.0	90.0	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
107.0	45.0	2.8	-	0.0	-	-	3.0	-	-	0.0	-	-
107.0	50.0	0.0	-	0.0	-	-	2.7	-	-	0.0	-	-
107.0	55.0	0.0	-	0.0	-	-	0.0	-	-	2.9	-	-
107.0	60.0	0.0	-	3.3	-	-	0.0	-	-	0.0	-	-
107.0	70.0	5.7	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0	80.0	3.1	-	0.0	-	-	0.0	-	-	3.1	-	-
107.0	90.0	6.1	-	0.0	-	-	0.0	-	-	0.0	-	-
110.0	45.0	0.0	-	6.6	-	-	0.0	-	-	0.0	-	-
110.0	50.0	0.0	-	6.7	-	-	2.5	-	-	0.0	-	-
110.0	70.0	0.0	-	0.0	-	-	4.9	-	-	0.0	-	-
113.0	45.0	0.0	-	3.1	-	-	0.0	-	-	0.0	-	-
113.0	50.0	3.2	-	6.7	-	-	-	-	-	0.0	-	-
113.0	65.0	0.0	-	0.0	-	-	-	-	-	2.9	-	-
113.0	80.0	0.0	-	0.0	-	-	0.0	-	-	0.0	-	-
113.0	90.0	3.7	-	0.0	-	-	3.1	-	-	0.0	-	-
117.0	50.0	0.0	-	0.0	-	-	0.0	-	-	0.0	-	-
117.0	65.0	2.9	-	0.0	-	-	0.0	-	-	2.8	-	-
117.0	70.0	0.0	-	0.0	-	-	0.0	-	-	0.0	-	-
117.0	90.0	3.0	-	0.0	-	-	0.0	-	-	2.9	-	-
120.0	60.0	0.0	-	0.0	-	-	0.0	-	-	0.0	-	-
120.0	80.0	0.0	-	3.1	-	-	0.0	-	-	2.9	-	-
123.0	55.0	0.0	-	3.3	-	-	3.2	-	-	0.0	-	-
123.0	60.0	0.0	-	0.0	-	-	0.0	-	-	3.0	-	-
123.0	65.0	0.0	-	3.3	-	-	0.0	-	-	0.0	-	-
123.0	70.0	0.0	-	0.0	-	-	0.0	-	-	2.9	-	-
123.0	80.0	0.0	-	0.0	-	-	3.2	-	-	0.0	-	-
127.0	50.0	0.0	-	0.0	-	-	-	-	-	0.0	-	-
127.0	55.0	0.0	-	3.1	-	-	-	-	-	0.0	-	-
127.0	65.0	2.6	-	0.0	-	-	6.0	-	-	0.0	-	-
127.0	80.0	0.0	-	0.0	-	-	0.0	-	-	3.0	-	-
130.0	45.0	0.0	-	0.0	-	-	0.0	-	-	0.0	-	-

TABLE 4. (cont.)

Melamphaes spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
130.0	80.0	0.0	-	-	-	-	2.6	-	-	-	-	-
130.0	90.0	2.6	-	-	-	-	0.0	-	-	-	-	-
133.0	60.0	0.0	-	0.0	-	-	-	0.0	-	3.0	-	-
137.0	40.0	2.5	-	0.0	-	-	0.0	-	-	0.0	-	-
137.0	45.0	2.5	-	0.0	-	-	0.0	-	-	0.0	-	-
137.0	50.0	0.0	-	0.0	-	-	2.7	-	-	0.0	-	-
137.0	80.0	0.0	-	-	-	-	5.5	-	-	-	-	-
140.0	45.0	0.0	-	-	-	-	2.7	-	-	-	-	-

Poromitra spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	160.0	-	-	-	-	-	5.6	-	-	-	-	-
70.0	200.0	-	-	-	-	-	3.0	-	-	-	-	-
77.0	80.0	-	-	3.1	-	-	-	-	-	-	-	-
77.8	70.0	-	-	-	2.9	-	-	-	-	-	-	-
80.0	90.0	-	-	-	2.8	-	-	-	-	0.0	-	-
80.0	200.0	-	-	-	-	3.9	2.6	-	-	-	-	-
83.0	65.0	0.0	-	0.0	-	-	0.0	-	-	0.0	-	-
83.0	80.0	0.0	-	6.1	-	-	0.0	-	-	0.0	-	-
87.0	80.0	0.0	-	0.0	-	-	0.0	-	-	3.2	-	-
87.0	90.0	0.0	-	6.3	-	-	0.0	-	-	3.0	-	-
90.0	65.0	0.0	-	2.9	-	-	2.9	-	-	0.0	-	-
90.0	70.0	0.0	-	0.0	-	-	0.0	-	-	3.0	-	-
90.0	100.0	0.0	-	0.0	-	-	0.0	-	-	0.0	-	-
90.0	120.0	0.0	-	2.9	-	-	0.0	-	-	-	-	-
90.0	180.0	2.6	-	-	-	-	0.0	-	-	-	-	-
93.0	60.0	0.0	-	0.0	-	-	0.0	-	-	0.0	-	-
93.0	90.0	0.0	-	2.7	-	-	3.4	-	-	0.0	-	-
97.0	55.0	0.0	-	2.9	-	-	0.0	-	-	2.8	-	-
97.0	60.0	0.0	-	2.8	-	-	0.0	-	-	0.0	-	-
97.0	65.0	0.0	-	0.0	-	-	0.0	-	-	3.2	-	-
97.0	90.0	0.0	-	0.0	-	-	-	-	-	3.0	-	-
103.0	65.0	0.0	-	0.0	-	-	2.9	-	-	0.0	-	-
103.0	90.0	3.1	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0	90.0	0.0	-	0.0	-	-	0.0	-	-	3.1	-	-
120.0	60.0	0.0	-	0.0	-	-	0.0	-	-	2.9	-	-
130.0	40.0	0.0	-	3.3	-	-	0.0	-	-	0.0	-	-

Scopelogadus bispinosus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	60.0	2.7	-	0.0	-	-	0.0	-	-	-	-	-
60.0	100.0	2.6	-	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Scopelogadus bispinosus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0 160.0	-	-	-	-	-	-	2.8	-	-	-	-	-
63.0 60.0	2.7	-	-	0.0	-	0.0	-	-	-	-	-	-
67.0 60.0	2.7	-	-	0.0	-	0.0	-	-	-	-	-	-
70.0 70.0	3.0	-	-	0.0	-	0.0	-	-	-	-	-	-
70.0 90.0	5.2	-	-	-	-	0.0	-	-	-	-	-	-
70.0 100.0	2.7	-	-	-	-	0.0	-	-	-	-	-	-
77.8 53.0	-	-	-	-	-	2.3	-	-	-	-	-	-
79.2 66.7	2.9	-	-	-	-	0.0	-	-	-	-	-	-
79.2 70.0	2.9	-	-	-	-	0.0	-	-	-	-	-	-
80.0 90.0	2.8	-	-	-	-	0.0	-	-	-	0.0	-	-
80.0 200.0	-	-	-	-	-	-	2.6	-	-	-	-	-
83.0 80.0	-	5.1	-	0.0	-	-	0.0	-	-	0.0	-	-
87.0 90.0	-	2.9	-	0.0	-	-	0.0	-	-	0.0	-	-
90.0 180.0	-	2.6	-	-	-	-	0.0	-	-	-	-	-
97.0 40.0	-	9.6	-	0.0	-	-	0.0	-	-	0.0	-	-
97.0 100.0	-	-	-	2.8	-	-	-	-	-	-	-	-
100.0 50.0	-	0.0	-	0.0	-	-	0.0	-	-	3.0	-	-
100.0 65.0	-	0.0	-	0.0	-	-	0.0	-	-	6.0	-	-
100.0 90.0	-	2.7	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0 65.0	-	3.1	-	3.2	-	-	0.0	-	-	0.0	-	-
107.0 80.0	-	0.0	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0 90.0	-	0.0	-	0.0	-	-	0.0	-	-	3.1	-	-
110.0 90.0	-	0.0	-	0.0	-	-	0.0	-	-	2.9	-	-
120.0 50.0	-	0.0	-	0.0	-	-	0.0	-	-	2.8	-	-
120.0 65.0	-	0.0	-	0.0	-	-	0.0	-	-	2.9	-	-
123.0 55.0	-	0.0	-	0.0	-	-	0.0	-	-	-	-	-
123.0 80.0	-	2.9	-	0.0	-	-	0.0	-	-	-	-	-
130.0 45.0	-	0.0	-	0.0	-	-	0.0	-	-	6.0	-	-
130.0 55.0	-	0.0	-	0.0	-	-	0.0	-	-	2.8	-	-

Macroramphosus gracilis

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
127.0 55.0	-	5.7	-	0.0	-	-	-	0.0	-	0.0	-	-
127.0 60.0	-	16.0	-	0.0	-	-	-	0.0	-	0.0	-	-
130.0 60.0	-	2.7	-	0.0	-	-	0.0	-	-	0.0	-	-

Syngnathus spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0 39.0	-	0.0	-	0.0	-	0.0	0.5	-	-	0.0	-	-
83.0 40.0	0.0	0.0	-	0.0	-	0.0	0.0	-	-	1.5	-	-
83.0 43.0	-	0.0	-	0.0	-	-	3.1	-	-	0.0	-	-
87.0 32.5	-	0.0	-	0.0	-	-	1.1	-	-	0.0	-	-

TABLE 4. (cont.)

Syngnathus spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0 45.0	-	0.0	-	0.0	-	-	0.0	-	-	3.3	-	-
97.0 28.6	-	0.3	-	-	-	-	-	-	-	-	-	-
97.0 29.0	-	0.0	-	0.0	-	-	0.0	-	-	3.0	-	-
103.0 29.0	-	1.3	-	0.0	-	-	0.0	-	-	0.0	-	-
120.0 22.5	-	0.0	-	0.0	-	-	0.2	-	-	0.0	-	-
120.0 24.0	-	0.0	-	0.0	-	-	0.9	-	-	0.0	-	-
120.0 30.0	-	0.0	-	0.0	-	-	3.0	-	-	0.0	-	-
133.0 21.0	-	0.0	-	0.0	-	-	-	0.9	-	0.0	-	-

Agonidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0 49.7	0.3	-	-	-	-	-	-	-	-	-	-	-
63.0 52.0	0.0	-	-	3.2	-	0.0	-	-	-	-	-	-
67.0 49.0	0.0	-	-	1.6	-	0.0	-	-	-	-	-	-
77.8 51.0	-	-	-	-	-	0.0	-	-	-	-	-	-
80.0 50.2	0.0	-	-	-	-	0.5	-	-	-	0.0	-	-
80.0 51.0	0.0	-	-	0.0	-	13.2	-	-	-	0.0	-	-
80.0 53.0	0.0	-	-	-	-	3.4	-	-	-	-	-	-
82.0 47.0	-	3.3	-	0.0	-	-	0.0	-	-	0.0	-	-
82.2 45.5	-	-	-	-	-	2.8	-	-	-	-	-	-
83.0 42.0	2.1	-	-	-	-	-	-	-	-	0.0	-	-
83.0 43.0	-	0.0	-	6.6	-	-	0.0	-	-	0.0	-	-
83.0 51.0	0.0	2.3	-	0.0	-	0.0	0.0	-	-	0.0	-	-
87.0 32.5	-	0.0	-	0.0	-	-	0.5	-	-	0.0	-	-
90.0 32.0	-	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
90.0 45.0	-	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
103.0 29.0	-	0.0	-	0.0	-	-	0.6	-	-	0.8	-	-
103.0 30.0	-	1.4	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0 30.0	-	0.0	-	0.0	-	-	0.3	-	-	0.0	-	-
107.0 31.0	-	1.0	-	0.0	-	-	0.7	-	-	0.0	-	-
113.0 28.5	-	0.2	-	0.0	-	-	0.3	-	-	0.0	-	-
113.0 30.0	-	1.2	-	0.0	-	-	0.0	-	-	0.0	-	-

Anoplopoma fimbria

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0 65.0	-	-	-	7.0	-	-	-	-	-	-	-	-

Cottidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 50.0	0.0	-	-	2.4	-	-	0.9	-	-	-	-	-

TABLE 4. (cont.)

Cottidae (cont.)											
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV. DEC.
60.0	51.0	4.5	-	16.6	-	-	1.4	-	-	-	-
60.0	52.0	0.0	-	8.4	-	-	0.0	-	-	-	-
60.0	55.0	5.2	-	8.6	-	-	0.0	-	-	-	-
63.0	49.7	3.4	-	-	-	-	-	-	-	-	-
63.0	50.0	7.8	-	0.0	-	-	-	-	-	-	-
63.0	51.0	1.0	-	0.0	-	1.1	-	-	-	-	-
67.0	49.0	0.0	-	0.0	-	1.7	-	-	-	-	-
67.0	55.0	5.6	-	0.0	-	0.0	-	-	-	-	-
73.0	49.4	2.9	-	0.0	-	0.5	-	-	-	-	-
73.0	50.0	1.6	-	4.0	-	8.6	-	-	-	-	-
77.0	47.6	0.4	-	-	-	0.0	-	-	-	-	-
77.0	48.0	0.5	-	-	-	4.7	-	-	0.0	-	-
80.0	50.2	0.4	-	-	-	0.5	-	-	0.0	-	-
80.0	51.0	0.0	-	0.0	-	2.2	-	-	0.0	-	-
80.8	52.0	-	-	-	-	2.8	-	-	-	-	-
83.4	41.0	-	-	-	-	9.9	-	-	-	-	-
83.8	45.0	-	-	-	-	3.2	-	-	-	-	-
87.0	33.0	0.0	-	1.0	-	-	0.0	-	0.0	-	-
87.0	34.0	0.0	-	0.0	-	-	2.6	-	0.0	-	-
87.0	35.0	0.0	-	0.0	-	-	6.0	-	0.0	-	-
87.0	50.0	-	-	5.7	-	-	29.8	-	0.0	-	-
90.0	27.5	0.0	-	0.0	-	-	0.8	-	0.8	-	-
90.0	28.0	0.0	-	0.0	-	-	5.1	-	0.0	-	-
93.0	28.0	0.0	-	2.8	-	-	0.0	-	0.0	-	-
103.0	29.0	0.0	-	0.0	-	-	0.0	-	0.0	-	-
103.0	30.0	1.4	-	0.0	-	-	0.0	-	0.0	-	-
107.0	30.0	0.0	-	1.8	-	-	0.0	-	0.0	-	-
107.0	31.0	0.0	-	1.9	-	-	0.0	-	0.0	-	-
110.0	32.0	0.0	-	0.0	-	-	0.0	-	1.9	-	-
113.0	28.5	0.5	-	0.0	-	-	0.0	-	0.0	-	-
113.0	29.0	0.4	-	0.0	-	-	0.0	-	0.0	-	-
120.0	22.5	0.2	-	0.0	-	-	0.0	-	0.0	-	-

Scorpaenichthys marmoratus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV. DEC.
73.0	49.4	2.1	-	0.0	-	0.0	-	-	-	-	-
73.0	51.0	2.7	-	0.0	-	0.0	-	-	-	-	-
76.2	49.8	2.2	-	-	-	-	-	-	-	-	-
76.2	52.2	1.9	-	-	-	-	-	-	-	-	-
76.2	52.5	-	-	-	-	2.9	-	-	-	-	-
77.0	47.6	0.1	-	-	-	0.0	-	-	-	-	-
77.0	49.0	2.2	-	0.0	-	0.0	-	-	-	-	-
79.2	57.3	3.0	-	-	-	-	-	-	-	-	-
79.2	66.7	2.9	-	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

Scorpaenichthys marmoratus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	50.2	0.0	-	-	-	0.0	-	-	-	0.8	-	-
80.0	51.0	6.0	-	0.0	-	0.0	-	-	-	0.0	-	-
80.0	53.0	3.0	-	-	-	0.0	-	-	-	-	-	-
83.0	51.0	5.2	0.0	0.0	-	0.0	0.0	-	-	0.0	-	-

Cyclopteridae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	50.0	0.0	-	2.4	-	-	0.0	-	-	-	-	-
60.0	51.0	4.5	-	0.0	-	-	2.8	-	-	-	-	-
63.0	55.0	0.0	-	6.5	-	-	-	-	-	-	-	-
67.0	49.0	0.0	-	1.6	-	0.0	-	-	-	-	-	-
67.0	50.0	0.0	-	6.3	-	0.0	-	-	-	-	-	-
70.0	52.0	0.0	-	3.0	-	0.0	-	-	-	-	-	-
73.0	50.0	0.0	-	0.0	-	2.1	-	-	-	-	-	-
77.0	48.0	0.0	-	-	-	0.5	-	-	-	-	-	-
80.0	51.0	0.0	-	0.0	-	3.4	-	-	-	0.0	-	-
80.0	53.0	0.0	-	-	-	-	0.0	-	-	0.5	-	-
96.8	28.7	-	-	0.0	-	-	0.0	-	-	2.9	-	-
100.0	30.0	0.0	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0	31.0	0.0	-	1.9	-	-	0.0	-	-	-	-	-

Hexagrammidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0	47.6	0.3	-	-	-	0.0	-	-	-	-	-	-
77.0	48.0	0.5	-	-	-	0.0	-	-	-	-	-	-

Oxylebius pictus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	51.0	2.3	-	0.0	-	-	0.0	-	-	-	-	-
63.0	49.7	0.3	-	-	-	-	-	-	-	-	-	-
63.0	50.0	1.7	-	0.0	-	-	-	-	-	-	-	-
67.0	49.0	0.0	-	0.0	-	1.7	-	-	-	-	-	-
73.0	49.4	0.8	-	0.0	-	0.0	-	-	-	-	-	-
73.0	50.0	6.6	-	0.0	-	0.0	-	-	-	-	-	-
73.0	51.0	2.7	-	0.0	-	0.0	-	-	-	-	-	-
77.0	47.6	0.0	-	-	-	0.1	-	-	-	-	-	-
77.0	48.0	0.5	-	-	-	0.0	-	-	-	-	-	-
77.0	49.0	1.1	-	0.0	-	0.0	-	-	-	-	-	-
77.0	52.9	2.0	-	-	-	-	-	-	-	-	-	-
77.8	60.0	2.7	-	-	-	0.0	-	-	-	-	-	-

TABLE 4. (cont.)

Oxylebius pictus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
78.5	63.3	2.9	-	-	-	-	-	-	-	-	-	-
79.2	60.0	2.9	-	-	-	0.0	-	-	-	-	-	-
80.0	52.0	2.6	-	0.0	-	-	-	-	-	0.0	-	-
80.0	55.0	0.0	-	0.0	-	3.2	-	-	-	0.0	-	-
80.8	47.7	2.8	-	-	-	-	-	-	-	-	-	-
80.8	51.0	2.8	-	-	-	-	-	-	-	-	-	-
80.8	52.0	-	-	-	-	2.8	-	-	-	-	-	-
80.8	54.0	2.8	-	-	-	-	-	-	-	-	-	-
81.5	47.5	-	-	-	-	2.9	-	-	-	-	-	-
82.0	48.5	-	-	-	-	3.7	-	-	-	-	-	-
82.2	43.5	0.0	-	-	-	2.7	-	-	-	-	-	-
82.2	47.0	2.4	-	-	-	-	-	-	-	-	-	-
83.0	51.0	0.0	-	2.6	-	0.0	0.0	-	-	0.0	-	-
90.0	60.0	0.0	-	0.0	-	-	2.7	-	-	0.0	-	-
123.0	42.0	3.0	-	0.0	-	-	0.0	-	-	0.0	-	-

Zaniolepis spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0	53.0	0.0	-	3.2	-	0.0	-	-	-	-	-	-
82.2	54.3	2.9	-	-	-	-	-	-	-	-	-	-
83.0	43.0	0.0	-	6.6	-	-	0.0	-	-	0.0	-	-
87.0	50.0	-	-	0.0	-	-	0.0	-	-	2.6	-	-
103.0	30.0	0.0	-	0.0	-	-	0.0	-	-	2.7	-	-
113.0	29.0	0.0	-	1.9	-	-	0.0	-	-	0.0	-	-
113.0	35.0	0.0	-	0.0	-	-	0.0	-	-	3.3	-	-
115.0	35.0	-	2.6	-	-	-	0.0	-	-	-	-	-
120.0	23.0	0.4	-	0.0	-	-	0.0	-	-	0.0	-	-
120.0	35.0	1.9	-	0.0	-	-	0.0	-	-	0.0	-	-
123.0	37.0	0.0	-	5.8	-	-	0.0	-	-	0.0	-	-

Scorpaena spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
107.0	32.0	0.0	-	3.2	-	-	0.0	-	-	0.0	-	-
117.0	30.0	0.0	-	0.0	-	-	0.0	-	-	5.5	-	-
117.0	45.0	0.0	-	0.0	-	-	0.0	-	-	3.3	-	-
119.0	33.0	-	0.0	0.0	-	-	0.0	-	-	3.1	-	-
120.0	50.0	0.0	-	0.0	-	-	0.0	-	-	2.9	-	-
123.0	42.0	0.0	-	0.0	-	-	6.7	-	-	0.0	-	-
123.0	45.0	0.0	-	0.0	-	-	3.2	-	-	0.0	-	-
127.0	32.6	0.0	-	0.0	-	-	-	0.6	-	0.0	-	-
127.0	34.0	0.0	-	0.0	-	-	-	2.5	-	0.0	-	-
127.0	50.0	0.0	-	0.0	-	-	-	11.8	-	0.0	-	-

TABLE 4. (cont.)

Scorpaena spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
127.0	60.0	0.0	-	0.0	-	-	-	9.1	-	0.0	-	-
133.0	30.0	0.0	-	0.0	-	-	-	3.0	-	0.0	-	-
137.0	20.0	0.0	-	-	0.0	-	0.0	-	-	0.4	-	-
137.0	22.0	0.0	-	-	0.0	-	0.0	-	-	2.6	-	-
137.0	23.0	0.0	-	-	0.0	-	0.0	-	-	7.8	-	-
140.0	40.0	0.0	-	-	-	-	2.5	-	-	-	-	-

Sebastes spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	51.0	-	-	0.0	-	-	33.1	-	-	-	-	-
60.0	12.8	-	-	0.0	-	-	0.0	-	-	-	-	-
60.0	55.0	-	-	82.9	-	-	22.5	-	-	-	-	-
60.0	60.0	32.9	-	9.0	-	-	22.2	-	-	-	-	-
60.0	65.0	-	-	14.3	-	-	-	-	-	-	-	-
60.0	70.0	10.6	-	3.0	-	-	24.8	-	-	-	-	-
60.0	80.0	0.0	-	0.0	-	-	6.0	-	-	-	-	-
60.0	90.0	0.0	-	-	-	-	8.9	-	-	-	-	-
63.0	49.7	-	-	-	-	-	-	-	-	-	-	-
63.0	50.0	-	-	0.0	-	-	-	-	-	-	-	-
63.0	51.0	-	-	9.1	-	0.0	-	-	-	-	-	-
63.0	52.0	-	-	0.0	-	29.6	-	-	-	-	-	-
63.0	55.0	-	-	19.4	-	-	-	-	-	-	-	-
63.0	60.0	-	-	11.9	-	2.9	-	-	-	-	-	-
63.0	70.0	-	-	9.0	-	0.5	-	-	-	-	-	-
67.0	47.3	0.7	-	0.5	-	-	-	-	-	-	-	-
67.0	48.0	2.1	-	0.0	-	-	-	-	-	-	-	-
67.0	49.0	21.1	-	4.9	-	1.7	-	-	-	-	-	-
67.0	50.0	495.6	-	12.5	-	19.3	-	-	-	-	-	-
67.0	55.0	161.2	-	3.6	-	11.8	-	-	-	-	-	-
67.0	60.0	19.1	-	6.6	-	5.4	-	-	-	-	-	-
67.0	65.0	-	-	7.8	-	-	-	-	-	-	-	-
67.0	70.0	-	-	12.9	-	-	-	-	-	-	-	-
70.0	50.0	193.1	-	25.4	-	-	-	-	-	-	-	-
70.0	51.0	19.5	-	7.7	-	17.1	-	-	-	-	-	-
70.0	52.0	33.7	-	6.0	-	5.6	-	-	-	-	-	-
70.0	53.0	41.1	-	61.0	-	30.0	-	-	-	-	-	-
70.0	60.0	9.7	-	14.8	-	3.6	-	-	-	-	-	-
70.0	65.0	-	-	3.5	-	-	-	-	-	-	-	-
70.0	70.0	0.0	-	8.3	-	0.0	-	-	-	-	-	-
70.0	80.0	0.0	-	0.0	-	21.4	-	-	-	-	-	-
73.0	49.4	16.8	-	3.6	-	0.8	-	-	-	-	-	-
73.0	50.0	519.9	-	47.5	-	25.7	-	-	-	-	-	-
73.0	51.0	490.5	-	63.0	-	6.3	-	-	-	-	-	-
73.0	53.0	547.1	-	41.9	-	2.8	-	-	-	-	-	-

TABLE 4. (cont.)

Sebastes spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0	60.0	10.2	-	12.4	-	2.4	-	-	-	-	-	-
73.0	65.0	-	-	9.0	-	-	-	-	-	-	-	-
73.0	70.0	-	-	21.9	-	-	-	-	-	-	-	-
76.2	49.8	-	-	-	-	-	-	-	-	-	-	-
76.2	50.0	-	-	-	-	27.0	-	-	-	-	-	-
76.2	52.2	-	-	-	-	49.3	-	-	-	-	-	-
76.2	52.5	-	-	-	-	-	-	-	-	-	-	-
76.2	54.6	-	-	-	-	-	-	-	-	-	-	-
76.2	55.5	-	-	-	-	5.5	-	-	-	-	-	-
76.2	57.0	-	-	-	-	-	-	-	-	-	-	-
76.2	60.0	-	-	-	-	8.1	-	-	-	-	-	-
76.2	63.3	-	-	-	-	-	-	-	-	-	-	-
76.2	65.0	-	-	-	-	5.7	-	-	-	-	-	-
76.2	66.7	-	-	-	-	-	-	-	-	-	-	-
76.2	70.0	-	-	-	-	-	-	-	-	-	-	-
77.0	47.6	-	-	-	-	14.1	-	-	-	-	-	-
77.0	48.0	-	-	-	-	0.0	-	-	-	-	-	-
77.0	49.0	-	-	-	-	0.0	-	-	-	-	-	-
77.0	51.0	-	-	22.9	-	5.8	-	-	-	-	-	-
77.0	51.0	-	-	23.3	-	37.7	-	-	-	-	-	-
77.0	52.9	-	-	-	-	-	-	-	-	-	-	-
77.0	53.0	-	-	-	-	6.0	-	-	-	-	-	-
77.0	55.0	-	-	68.0	-	17.6	-	-	-	-	-	-
77.0	57.0	-	-	15.9	-	-	-	-	-	-	-	-
77.0	57.6	-	-	-	-	-	-	-	-	-	-	-
77.0	60.0	-	-	2.9	-	2.8	-	-	-	-	-	-
77.0	63.3	-	-	-	-	-	-	-	-	-	-	-
77.0	66.7	-	-	-	-	-	-	-	-	-	-	-
77.0	70.0	-	-	15.9	-	17.6	-	-	-	-	-	-
77.8	51.1	-	-	-	-	-	-	-	-	-	-	-
77.8	53.0	-	-	-	-	55.7	-	-	-	-	-	-
77.8	54.0	-	-	-	-	-	-	-	-	-	-	-
77.8	57.0	-	-	-	-	7.8	-	-	-	-	-	-
77.8	57.0	-	-	-	-	-	-	-	-	-	-	-
77.8	60.0	-	-	-	-	2.8	-	-	-	-	-	-
77.8	63.3	-	-	-	-	-	-	-	-	-	-	-
77.8	66.7	-	-	-	-	-	-	-	-	-	-	-
77.8	70.0	-	-	-	-	14.4	-	-	-	-	-	-
78.5	52.5	-	-	-	-	-	-	-	-	-	-	-
78.5	54.5	-	-	-	-	-	-	-	-	-	-	-
78.5	55.0	-	-	-	-	53.5	-	-	-	-	-	-
78.5	57.2	-	-	-	-	-	-	-	-	-	-	-
78.5	57.5	-	-	-	-	3.1	-	-	-	-	-	-
78.5	60.0	-	-	-	-	22.6	-	-	-	-	-	-
78.5	63.3	-	-	-	-	-	-	-	-	-	-	-
78.5	66.7	-	-	-	-	-	-	-	-	-	-	-
78.5	70.0	-	-	-	-	-	-	-	-	-	-	-
78.5	70.0	-	-	-	-	2.8	-	-	-	-	-	-

TABLE 4. (cont.)

Sebastes spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
78.5	75.0	-	-	-	-	15.5	-	-	-	-	-	-
79.2	52.6	191.4	-	-	-	86.6	-	-	-	-	-	-
79.2	53.0	-	-	-	-	-	-	-	-	-	-	-
79.2	54.4	170.1	-	-	-	10.1	-	-	-	-	-	-
79.2	55.0	-	-	-	-	-	-	-	-	-	-	-
79.2	57.3	276.6	-	-	-	14.1	-	-	-	-	-	-
79.2	60.0	23.5	-	-	-	-	-	-	-	-	-	-
79.2	63.3	8.6	-	-	-	-	-	-	-	-	-	-
79.2	66.7	14.6	-	-	-	3.7	-	-	-	-	-	-
79.2	70.0	2.9	-	-	-	-	-	-	-	-	-	-
79.2	74.0	3.0	-	-	-	4.2	-	-	-	-	-	-
80.0	50.2	-	-	-	-	0.0	-	-	-	0.0	-	-
80.0	51.0	65.8	-	18.8	-	8.8	-	-	-	0.0	-	-
80.0	52.0	81.8	-	32.9	-	-	-	-	-	0.0	-	-
80.0	53.0	121.8	-	-	-	138.2	-	-	-	0.0	-	-
80.0	55.0	110.8	-	16.2	-	22.1	-	-	-	0.0	-	-
80.0	57.6	140.9	-	-	-	-	-	-	-	-	-	-
80.0	60.0	45.0	-	12.6	-	9.1	-	-	-	0.0	-	-
80.0	63.3	11.3	-	-	-	-	-	-	-	-	-	-
80.0	65.0	-	-	0.0	-	3.8	-	-	-	0.0	-	-
80.0	66.7	12.4	-	-	-	-	-	-	-	-	-	-
80.0	70.0	12.1	-	0.0	-	16.5	-	-	-	0.0	-	-
80.0	74.0	2.6	-	-	-	-	-	-	-	-	-	-
80.0	75.0	-	-	-	-	3.6	-	-	-	-	-	-
80.0	80.0	8.3	-	3.0	-	0.0	-	-	-	0.0	-	-
80.0	90.0	8.3	-	-	-	0.0	-	-	-	0.0	-	-
80.8	47.7	99.0	-	-	-	-	-	-	-	-	-	-
80.8	51.0	181.3	-	-	-	-	-	-	-	-	-	-
80.8	54.0	85.2	-	-	-	-	-	-	-	-	-	-
80.8	55.0	-	-	-	-	65.8	-	-	-	-	-	-
80.8	57.0	75.7	-	-	-	-	-	-	-	-	-	-
80.8	60.0	7.8	-	-	-	2.6	-	-	-	-	-	-
80.8	66.7	3.0	-	-	-	-	-	-	-	-	-	-
80.8	70.0	0.0	-	-	-	13.1	-	-	-	-	-	-
80.9	48.0	-	-	-	-	3.3	-	-	-	-	-	-
81.5	45.2	8.9	-	-	-	9.0	-	-	-	-	-	-
81.5	46.1	53.0	-	-	-	-	-	-	-	-	-	-
81.5	47.5	-	-	-	-	2.9	-	-	-	-	-	-
81.5	48.4	25.8	-	-	-	-	-	-	-	-	-	-
81.5	50.0	-	-	-	-	3.2	-	-	-	-	-	-
81.5	50.4	829.9	-	-	-	-	-	-	-	-	-	-
81.5	55.0	81.2	-	-	-	13.9	-	-	-	-	-	-
81.5	57.0	107.9	-	-	-	-	-	-	-	-	-	-
81.5	60.0	37.2	-	-	-	2.5	-	-	-	-	-	-
81.5	63.3	9.7	-	-	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

Sebastes spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
81.5	66.7	6.0	-	53.1	-	-	18.7	-	-	9.8	-	-
82.0	47.0	-	-	-	-	7.3	-	-	-	-	-	-
82.0	48.5	-	-	-	-	0.0	-	-	-	-	-	-
82.2	43.5	187.1	-	-	-	25.5	-	-	-	-	-	-
82.2	45.5	-	-	-	-	-	-	-	-	-	-	-
82.2	47.0	221.7	-	-	-	19.4	-	-	-	-	-	-
82.2	53.5	-	-	-	-	-	-	-	-	-	-	-
82.2	54.3	296.8	-	-	-	8.2	-	-	-	-	-	-
82.2	55.0	-	-	-	-	0.0	-	-	-	-	-	-
82.2	57.2	110.5	-	-	-	0.0	-	-	-	-	-	-
82.2	60.0	33.0	-	-	-	2.3	-	-	-	-	-	-
82.2	63.3	8.3	-	-	-	-	-	-	-	-	-	-
82.2	65.0	-	-	-	-	-	-	-	-	-	-	-
82.2	66.7	5.4	-	-	-	8.9	-	-	-	-	-	-
82.7	44.0	-	-	0.0	-	0.0	0.0	-	-	0.6	-	-
83.0	39.0	7.5	-	0.0	-	0.0	0.0	-	-	0.0	-	-
83.0	40.0	30.1	-	-	-	-	-	-	-	-	-	-
83.0	42.0	113.4	-	119.2	-	-	3.1	-	-	33.2	-	-
83.0	43.0	-	-	-	-	-	-	-	-	-	-	-
83.0	44.3	29.4	-	197.9	-	19.7	0.0	-	-	2.8	-	-
83.0	51.0	13.1	-	-	-	-	-	-	-	-	-	-
83.0	52.9	140.2	-	-	-	47.3	-	-	-	-	-	-
83.0	53.0	-	-	-	-	0.0	5.9	-	-	3.3	-	-
83.0	55.0	496.0	-	15.1	-	-	-	-	-	-	-	-
83.0	57.6	14.9	-	-	-	3.0	11.8	-	-	6.2	-	-
83.0	60.0	22.1	-	12.8	-	-	-	-	-	-	-	-
83.0	63.3	7.5	-	-	-	3.9	12.8	-	-	0.0	-	-
83.0	65.0	-	-	12.2	-	-	10.1	-	-	0.0	-	-
83.0	70.0	-	-	3.1	-	9.9	-	-	-	-	-	-
83.4	41.0	-	-	-	-	17.3	-	-	-	-	-	-
83.8	40.0	-	-	-	-	12.8	-	-	-	-	-	-
83.8	45.0	-	-	-	-	11.5	-	-	-	-	-	-
85.0	39.0	-	-	-	-	11.2	-	-	-	-	-	-
85.0	41.5	-	-	-	-	36.1	-	-	-	-	-	-
85.0	53.0	-	-	-	-	10.2	-	-	-	-	-	-
85.0	55.0	-	-	-	-	-	-	-	-	-	-	-
87.0	32.5	1.2	-	0.4	-	-	0.0	-	-	0.6	-	-
87.0	33.0	33.1	-	8.6	-	-	0.0	-	-	4.7	-	-
87.0	34.0	39.4	-	16.7	-	-	2.6	-	-	8.0	-	-
87.0	35.0	43.5	-	122.8	-	-	0.0	-	-	6.6	-	-
87.0	35.0	64.8	-	46.2	-	-	0.0	-	-	8.7	-	-
87.0	40.0	289.1	-	71.0	-	-	0.0	-	-	16.4	-	-
87.0	45.0	-	-	643.5	-	-	0.0	-	-	23.4	-	-
87.0	50.0	-	-	11.8	-	-	0.0	-	-	0.0	-	-
87.0	55.0	-	-	30.3	-	-	11.0	-	-	0.0	-	-
87.0	60.0	-	-	0.0	-	-	9.6	-	-	0.0	-	-
87.0	65.0	-	-	-	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

Sebastes spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0	70.0	8.7	-	0.0	-	-	3.0	-	-	0.0	-	-
90.0	27.5	0.8	-	0.0	-	-	0.0	-	-	0.0	-	-
90.0	28.0	15.2	-	3.1	-	-	7.7	-	-	3.3	-	-
90.0	32.0	10.8	-	92.1	-	-	0.0	-	-	0.0	-	-
90.0	37.0	199.9	-	23.8	-	-	0.0	-	-	3.0	-	-
90.0	45.0	10.8	-	17.9	-	-	0.0	-	-	0.0	-	-
90.0	53.0	8.1	-	9.2	-	-	0.0	-	-	3.0	-	-
90.0	60.0	0.0	-	14.8	-	-	13.5	-	-	0.0	-	-
90.0	65.0	0.0	-	0.0	-	-	3.0	-	-	0.0	-	-
90.0	70.0	0.0	-	0.0	-	-	9.3	-	-	0.0	-	-
90.0	90.0	0.0	-	0.0	-	-	3.3	-	-	0.0	-	-
90.0	90.0	0.4	-	0.0	-	-	1.7	-	-	0.0	-	-
93.0	26.5	2.2	-	16.8	-	-	0.0	-	-	3.0	-	-
93.0	27.0	17.0	-	11.1	-	-	2.8	-	-	9.5	-	-
93.0	28.0	24.4	-	42.0	-	-	5.2	-	-	3.0	-	-
93.0	30.0	15.1	-	19.0	-	-	2.9	-	-	0.0	-	-
93.0	35.0	3.7	-	8.7	-	-	0.0	-	-	0.0	-	-
93.0	40.0	6.8	-	22.9	-	-	13.4	-	-	0.0	-	-
93.0	45.0	3.3	-	18.9	-	-	0.0	-	-	0.0	-	-
93.0	50.0	20.2	-	8.3	-	-	3.2	-	-	0.0	-	-
93.0	55.0	0.0	-	9.4	-	-	10.2	-	-	0.0	-	-
93.0	60.0	0.0	-	31.7	-	-	3.1	-	-	0.0	-	-
93.0	65.0	9.5	-	17.6	-	-	13.2	-	-	0.0	-	-
93.0	70.0	9.5	-	0.0	-	-	-	-	-	0.0	-	-
93.0	80.0	0.3	-	-	-	-	-	-	-	3.0	-	-
97.0	28.6	7.9	-	18.5	-	-	0.0	-	-	2.3	-	-
97.0	29.0	20.7	-	51.2	-	-	0.0	-	-	0.0	-	-
97.0	30.0	44.0	-	352.8	-	-	2.9	-	-	0.0	-	-
97.0	32.0	6.6	-	5.4	-	-	3.0	-	-	2.9	-	-
97.0	35.0	0.0	-	0.0	-	-	9.2	-	-	0.0	-	-
97.0	40.0	0.0	-	0.0	-	-	3.4	-	-	0.0	-	-
97.0	45.0	0.0	-	0.0	-	-	0.0	-	-	0.0	-	-
97.0	55.0	5.9	-	0.0	-	-	0.0	-	-	0.0	-	-
97.0	60.0	2.8	-	0.0	-	-	0.0	-	-	0.0	-	-
97.0	65.0	0.0	-	0.0	-	-	6.4	-	-	0.0	-	-
97.0	70.0	0.0	-	0.0	-	-	-	-	-	0.0	-	-
97.0	90.0	11.8	-	2.7	-	-	0.0	-	-	0.0	-	-
100.0	29.0	55.1	-	269.3	-	-	0.0	-	-	2.6	-	-
100.0	30.0	30.4	-	21.2	-	-	2.9	-	-	5.7	-	-
100.0	35.0	23.8	-	63.6	-	-	3.9	-	-	0.0	-	-
100.0	40.0	8.9	-	9.3	-	-	9.0	-	-	0.0	-	-
100.0	45.0	21.7	-	6.3	-	-	18.1	-	-	0.0	-	-
100.0	50.0	0.0	-	0.0	-	-	7.6	-	-	0.0	-	-
100.0	55.0	2.8	-	0.0	-	-	0.0	-	-	0.0	-	-
100.0	65.0	0.0	-	0.0	-	-	2.3	-	-	0.0	-	-
100.0	70.0	0.0	-	0.0	-	-	2.7	-	-	0.0	-	-
103.0	28.5	1.0	-	1.3	-	-	0.6	-	-	0.0	-	-
103.0	29.0	5.2	-	57.2	-	-	2.5	-	-	0.8	-	-

TABLE 4. (cont.)

Sebastes spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
103.0	30.0	93.2	-	86.0	-	-	0.0	-	-	5.3	-	-
103.0	35.0	2.8	-	12.7	-	-	2.9	-	-	0.0	-	-
103.0	40.0	0.0	-	0.0	-	-	2.7	-	-	0.0	-	-
103.0	50.0	0.0	-	0.0	-	-	3.1	-	-	0.0	-	-
107.0	31.0	6.2	-	89.8	-	-	0.0	-	-	0.0	-	-
107.0	32.0	9.8	-	12.9	-	-	0.0	-	-	0.0	-	-
107.0	35.0	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
107.0	40.0	0.0	-	3.4	-	-	0.0	-	-	0.0	-	-
107.0	60.0	6.1	-	0.0	-	-	0.0	-	-	0.0	-	-
110.0	32.0	0.4	-	14.3	-	-	2.2	-	-	0.9	-	-
110.0	35.0	6.7	-	6.6	-	-	3.3	-	-	3.1	-	-
110.0	40.0	11.4	-	19.9	-	-	0.0	-	-	0.0	-	-
110.0	45.0	0.0	-	3.3	-	-	0.0	-	-	0.0	-	-
113.0	29.0	4.2	-	0.0	-	-	0.0	-	-	0.0	-	-
113.0	30.0	28.1	-	2.7	-	-	8.9	-	-	5.2	-	-
113.0	35.0	3.1	-	0.0	-	-	3.2	-	-	0.0	-	-
113.0	45.0	0.0	-	3.1	-	-	-	-	-	-	-	-
115.0	35.0	-	38.5	-	-	-	2.9	-	-	-	-	-
117.0	24.8	2.5	-	0.0	-	-	0.0	-	-	0.0	-	-
117.0	25.0	16.8	-	10.3	-	-	0.0	-	-	0.0	-	-
117.0	26.0	34.5	-	5.8	-	-	0.0	-	-	0.0	-	-
117.0	30.0	21.6	-	63.2	-	-	0.0	-	-	0.0	-	-
117.0	35.0	48.2	-	25.0	-	-	0.0	-	-	0.0	-	-
117.0	40.0	89.0	-	51.5	-	-	0.0	-	-	0.0	-	-
117.0	45.0	0.0	-	18.3	-	-	0.0	-	-	6.7	-	-
117.0	50.0	2.9	-	0.0	-	-	0.0	-	-	0.0	-	-
118.0	39.0	9.1	-	6.0	-	-	3.0	-	-	3.1	-	-
120.0	23.0	0.7	-	0.0	-	-	0.0	-	-	0.0	-	-
120.0	24.0	25.3	-	0.0	-	-	0.0	-	-	0.0	-	-
120.0	25.0	1.3	-	0.0	-	-	0.0	-	-	0.0	-	-
120.0	30.0	15.0	-	0.0	-	-	0.0	-	-	0.0	-	-
120.0	35.0	11.6	-	3.1	-	-	0.0	-	-	0.0	-	-
120.0	40.0	1.5	-	0.0	-	-	1.7	-	-	0.0	-	-
120.0	45.0	98.6	-	61.6	-	-	0.0	-	-	0.0	-	-
120.0	50.0	0.0	-	26.1	-	-	0.0	-	-	0.0	-	-
120.0	55.0	0.0	-	31.4	-	-	0.0	-	-	0.0	-	-
120.0	60.0	0.0	-	3.3	-	-	0.0	-	-	0.0	-	-
120.0	70.0	0.0	-	6.2	-	-	0.0	-	-	0.0	-	-
123.0	36.0	0.0	-	23.3	-	-	0.0	-	-	0.0	-	-
123.0	37.0	4.1	-	92.8	-	-	2.5	-	-	0.0	-	-
123.0	42.0	14.9	-	20.1	-	-	0.0	-	-	0.0	-	-
123.0	45.0	60.2	-	21.9	-	-	0.0	-	-	0.0	-	-
123.0	50.0	6.1	-	3.4	-	-	0.0	-	-	0.0	-	-
123.0	55.0	0.0	-	9.9	-	-	0.0	-	-	0.0	-	-
123.0	60.0	0.0	-	9.8	-	-	0.0	-	-	0.0	-	-
123.5	35.6	0.0	-	4.0	-	-	0.0	-	-	0.0	-	-

TABLE 4. (cont.)

Sebastes spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
127.0	32.6	0.0	-	5.9	-	-	-	0.0	-	0.0	-	-
127.0	33.0	0.0	-	16.4	-	-	-	0.0	-	0.0	-	-
127.0	34.0	14.9	-	28.4	-	-	-	7.4	-	0.0	-	-
127.0	40.0	0.0	-	12.9	-	-	-	0.0	-	0.0	-	-
127.0	45.0	11.9	-	0.0	-	-	-	0.0	-	0.0	-	-
127.0	50.0	0.0	-	0.0	-	-	-	0.0	-	0.0	-	-
127.0	55.0	0.0	-	0.0	-	-	-	9.3	-	0.0	-	-
130.0	25.5	0.0	-	2.7	-	-	0.0	0.0	-	0.0	-	-
130.0	28.0	0.9	-	3.0	-	-	0.0	0.0	-	0.0	-	-
130.0	30.0	0.0	-	9.6	-	-	0.0	0.0	-	0.0	-	-
130.0	35.0	88.2	-	0.0	-	-	0.0	0.0	-	0.0	-	-
130.0	40.0	20.1	-	0.0	-	-	0.0	0.0	-	0.0	-	-
130.0	45.0	0.0	-	3.3	-	-	0.0	-	-	0.0	-	-
130.0	50.0	0.0	-	10.2	-	-	0.0	-	-	0.0	-	-
133.0	19.5	0.3	-	0.0	-	-	-	0.0	-	0.0	-	-
133.0	25.0	1.9	-	0.0	-	-	-	0.0	-	0.0	-	-
133.0	30.0	2.9	-	0.0	-	-	-	0.0	-	0.0	-	-
133.0	35.0	0.0	-	3.4	-	-	-	0.0	-	0.0	-	-
137.0	35.0	0.0	-	-	3.1	-	0.0	-	-	0.0	-	-

Sebastes spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	60.0	0.0	-	0.0	-	-	2.8	-	-	-	-	-
60.0	90.0	0.0	-	0.0	-	-	3.0	-	-	-	-	-
67.0	55.0	-	-	0.0	-	3.0	-	-	-	-	-	-
67.0	60.0	0.0	-	0.0	-	8.1	-	-	-	-	-	-
70.0	80.0	0.0	-	0.0	-	9.1	-	-	-	-	-	-
77.0	80.0	-	-	3.1	-	-	-	-	-	-	-	-
80.0	70.0	-	-	2.9	-	0.0	-	-	0.0	-	-	-
80.0	100.0	0.0	-	-	-	3.0	-	-	-	-	-	-
80.8	70.0	-	-	-	-	3.3	-	-	-	-	-	-
83.0	60.0	0.0	-	0.0	-	3.0	0.0	-	0.0	-	-	-
85.0	60.0	-	-	-	-	2.7	-	-	-	-	-	-
87.0	60.0	0.0	-	3.0	-	-	3.7	-	0.0	-	-	-
87.0	70.0	0.0	-	0.0	-	-	3.0	-	0.0	-	-	-
90.0	80.0	0.0	-	0.0	-	-	3.6	-	0.0	-	-	-
93.0	35.0	0.0	-	2.7	-	-	0.0	-	0.0	-	-	-
93.0	55.0	0.0	-	0.0	-	-	0.0	-	3.2	-	-	-
97.0	55.0	0.0	-	0.0	-	-	0.0	-	2.8	-	-	-
97.0	55.0	0.0	-	0.0	-	-	0.0	-	3.2	-	-	-
103.0	65.0	0.0	-	0.0	-	-	2.9	-	0.0	-	-	-

TABLE 4. (cont.)

Prionotus spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	24.8	0.0	-	0.0	-	-	0.0	-	-	0.6	-	-
120.0	40.0	0.0	-	0.0	-	-	0.0	-	-	2.1	-	-
123.0	36.0	0.0	-	0.0	-	-	0.9	-	-	0.0	-	-
127.0	32.6	0.0	-	0.0	-	-	-	0.0	-	0.5	-	-
130.0	35.0	0.0	-	0.0	-	-	0.0	-	-	3.0	-	-
133.0	19.5	0.0	-	0.0	-	-	-	0.3	-	0.7	-	-
133.0	21.0	0.0	-	0.0	-	-	-	0.0	-	47.4	-	-
133.0	23.0	0.0	-	0.0	-	-	-	0.0	-	22.8	-	-
133.0	20.0	0.0	-	0.0	-	-	0.0	-	-	1.2	-	-
137.0	21.0	0.0	-	0.0	-	-	0.0	-	-	17.1	-	-
137.0	22.0	0.0	-	0.0	-	-	0.0	-	-	91.3	-	-
137.0	23.0	0.0	-	0.0	-	-	2.2	-	-	46.6	-	-
137.0	30.0	0.0	-	0.0	-	-	-	-	-	35.9	-	-

Blennioidei

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0	49.4	0.4	-	0.0	-	0.3	-	-	-	-	-	-
73.0	50.0	1.6	-	0.0	-	0.0	-	-	-	-	-	-
87.0	34.0	-	-	3.7	-	-	0.0	-	-	0.0	-	-
93.0	27.0	0.0	-	1.4	-	-	0.0	-	-	0.0	-	-
120.0	22.5	0.0	-	0.0	-	-	0.0	-	-	1.1	-	-

Hypsoblennius spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	50.2	0.0	-	-	-	0.0	-	-	-	0.8	-	-
80.8	55.0	-	-	-	-	3.3	-	-	-	-	-	-
82.0	47.0	-	-	-	-	-	0.0	-	-	3.3	-	-
83.0	39.0	0.0	-	0.0	-	3.4	0.0	-	-	6.8	-	-
83.0	40.0	0.0	-	0.0	-	3.3	2.0	-	-	8.9	-	-
87.0	32.5	0.0	-	0.0	-	-	29.2	-	-	0.0	-	-
87.0	35.0	0.0	-	0.0	-	-	2.0	-	-	0.0	-	-
90.0	27.5	0.0	-	0.0	-	-	3.9	-	-	7.6	-	-
90.0	28.0	0.0	-	0.0	-	-	36.0	-	-	0.0	-	-
93.0	26.5	0.0	-	0.3	-	-	5.2	-	-	0.0	-	-
93.0	27.0	0.0	-	0.0	-	-	2.6	-	-	3.0	-	-
93.0	28.0	0.0	-	0.0	-	-	5.5	-	-	0.0	-	-
93.0	30.0	0.0	-	0.0	-	-	5.2	-	-	0.0	-	-
96.8	28.7	-	-	-	-	-	0.2	-	-	1.1	-	-
97.0	29.0	0.0	-	0.0	-	-	1.3	-	-	0.0	-	-
103.0	28.5	0.0	-	0.0	-	-	0.0	-	-	7.6	-	-
103.0	29.0	0.0	-	0.0	-	-	1.3	-	-	1.6	-	-
107.0	30.0	0.0	-	0.0	-	-	0.0	-	-	4.9	-	-

TABLE 4. (cont.)

Hypsoblennius spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
107.0	31.0	0.0	-	0.0	-	-	0.7	-	-	9.5	-	-
107.0	32.0	0.0	-	0.0	-	-	2.8	-	-	3.0	-	-
110.0	32.0	0.0	-	0.0	-	-	0.0	-	-	11.3	-	-
113.0	28.5	0.0	-	0.0	-	-	0.0	-	-	1.7	-	-
113.0	29.0	0.0	-	0.0	-	-	0.0	-	-	1.2	-	-
113.0	35.0	0.0	-	0.0	-	-	0.0	-	-	6.6	-	-
117.0	24.8	0.0	-	0.0	-	-	0.0	-	-	1.9	-	-
117.0	30.0	0.0	-	0.0	-	-	0.0	-	-	2.7	-	-
120.0	22.5	0.0	-	0.0	-	-	1.8	-	-	0.5	-	-
120.0	23.0	0.0	-	3.9	-	-	0.9	-	-	0.6	-	-
120.0	24.0	0.0	-	0.0	-	-	1.7	-	-	0.0	-	-
120.0	25.0	0.0	-	0.0	-	-	6.0	-	-	0.0	-	-
120.0	35.0	0.0	-	3.1	-	-	0.0	-	-	0.0	-	-
120.0	40.0	0.7	-	0.0	-	-	1.7	-	-	0.0	-	-
120.0	50.0	0.0	-	3.3	-	-	0.0	-	-	0.0	-	-
123.0	36.0	0.0	-	0.0	-	-	5.6	-	-	0.0	-	-
123.0	37.0	0.0	-	0.0	-	-	2.5	-	-	0.0	-	-
127.0	32.6	0.0	-	0.0	-	-	-	1.2	-	0.0	-	-
127.0	33.0	0.0	-	0.0	-	-	-	8.0	-	0.0	-	-
130.0	25.5	0.0	-	2.7	-	-	0.8	-	-	0.6	-	-
130.0	28.0	0.0	-	0.0	-	-	15.3	-	-	0.0	-	-
130.0	30.0	0.0	-	0.0	-	-	5.2	-	-	4.2	-	-
133.0	19.5	0.0	-	0.0	-	-	-	0.3	-	0.0	-	-
133.0	21.0	0.0	-	0.0	-	-	-	0.0	-	1.5	-	-
133.0	23.0	0.0	-	0.0	-	-	-	2.0	-	0.0	-	-
133.0	25.0	1.9	-	0.0	-	-	-	0.0	-	0.0	-	-
137.0	20.0	0.6	-	-	0.0	-	0.0	-	-	0.0	-	-
137.0	21.0	0.0	-	-	0.0	-	0.0	-	-	3.2	-	-
137.0	22.0	0.0	-	-	0.0	-	1.5	-	-	0.0	-	-
137.0	23.0	0.0	-	-	0.0	-	0.0	-	-	5.2	-	-
140.0	28.8	0.8	-	-	-	-	-	-	-	-	-	-
140.0	30.0	2.1	-	-	-	-	2.4	-	-	-	-	-

Clinidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	49.7	-	-	-	-	-	-	-	-	-	-	-
63.0	50.0	3.6	-	-	-	-	-	-	-	-	-	-
63.0	51.0	19.1	-	0.0	-	-	-	-	-	-	-	-
63.0	52.0	2.1	-	0.0	-	0.0	-	-	-	-	-	-
67.0	49.0	0.0	-	3.2	-	0.0	-	-	-	-	-	-
73.0	49.4	0.0	-	1.6	-	0.0	-	-	-	-	-	-
73.0	47.6	0.8	-	0.0	-	0.0	-	-	-	-	-	-
77.0	48.0	0.1	-	-	-	0.0	-	-	-	-	-	-
77.0	63.3	0.5	-	-	-	0.5	-	-	-	-	-	-
77.0	63.3	3.0	-	-	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

Clinidae (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.8	54.0	2.8	-	-	-	-	-	-	-	-	-	-
80.0	50.2	0.0	-	-	-	1.0	-	-	-	2.3	-	-
80.0	51.0	0.0	-	0.0	-	2.2	-	-	-	0.0	-	-
80.0	52.0	2.6	-	0.0	-	-	-	-	-	0.0	-	-
80.0	55.0	-	-	0.0	-	0.0	-	-	-	0.0	-	-
81.5	50.0	-	-	-	-	3.2	-	-	-	-	-	-
82.0	47.0	3.3	-	0.0	-	-	3.1	-	-	0.0	-	-
82.2	47.0	2.4	-	-	-	-	-	-	-	-	-	-
87.0	50.0	-	-	2.9	-	-	0.0	-	-	0.0	-	-
90.0	27.5	0.0	-	0.0	-	-	0.8	-	-	0.0	-	-
90.0	28.0	0.0	-	0.0	-	-	2.6	-	-	0.0	-	-
97.0	32.0	0.0	-	2.8	-	-	0.0	-	-	0.0	-	-
100.0	25.0	1.5	-	0.0	-	-	0.0	-	-	0.0	-	-
103.0	28.5	-	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0	29.0	0.0	-	4.8	-	-	0.6	-	-	0.8	-	-
107.0	31.0	0.0	-	1.9	-	-	0.0	-	-	1.6	-	-
110.0	32.0	0.0	-	4.1	-	-	2.2	-	-	0.9	-	-
110.0	35.0	3.4	-	0.0	-	-	0.0	-	-	0.0	-	-
113.0	29.0	0.0	-	0.0	-	-	0.5	-	-	0.0	-	-
120.0	23.0	1.5	-	0.0	-	-	0.0	-	-	0.0	-	-
120.0	24.0	1.3	-	0.0	-	-	0.0	-	-	0.0	-	-
120.0	30.0	1.5	-	0.0	-	-	0.0	-	-	0.0	-	-
120.0	35.0	1.9	-	0.0	-	-	0.0	-	-	0.0	-	-
120.0	40.0	0.0	-	0.0	-	-	3.4	-	-	0.0	-	-
123.0	37.0	1.4	-	0.0	-	-	0.0	-	-	0.0	-	-
123.0	42.0	3.0	-	0.0	-	-	0.0	-	-	0.0	-	-
123.5	35.6	0.0	-	2.0	-	-	0.0	-	-	0.0	-	-
127.0	32.6	0.0	-	1.5	-	-	-	0.0	-	0.0	-	-

Gobiidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	60.0	-	-	-	-	-	-	-	-	-	-	-
67.0	49.0	2.7	-	0.0	-	0.0	-	-	-	-	-	-
73.0	49.4	0.0	-	4.9	-	0.0	-	-	-	-	-	-
76.2	54.6	2.2	-	0.2	-	0.0	-	-	-	-	-	-
77.0	48.0	0.0	-	-	-	-	-	-	-	-	-	-
77.0	51.0	3.1	-	0.0	-	0.5	-	-	-	-	-	-
77.0	60.0	3.0	-	0.0	-	0.0	-	-	-	-	-	-
77.8	53.0	-	-	0.0	-	0.0	-	-	-	-	-	-
77.8	54.0	-	-	-	-	2.3	-	-	-	-	-	-
77.8	55.0	-	-	-	-	-	-	-	-	-	-	-
77.8	63.3	2.8	-	-	-	2.6	-	-	-	-	-	-
77.8	66.7	2.8	-	-	-	-	-	-	-	-	-	-
78.5	55.0	-	-	-	-	3.0	-	-	-	-	-	-

TABLE 4. (cont.)

STATION	Gobiidae (cont.)											
	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
79.2	57.3	-	-	-	-	-	-	-	-	-	-	-
80.0	3.0	-	-	-	-	0.0	-	-	-	-	-	-
80.0	3.0	-	-	-	-	-	-	-	-	-	-	-
80.0	2.6	-	-	-	-	-	-	-	-	0.0	-	-
80.0	0.0	-	-	0.0	-	3.0	-	-	-	2.8	-	-
80.0	60.0	-	-	0.0	-	2.9	-	-	-	-	-	-
81.5	47.5	-	-	-	-	-	-	-	-	-	-	-
81.5	50.4	-	-	-	-	-	-	-	-	3.3	-	-
82.0	39.5	-	-	-	-	-	0.0	-	-	-	-	-
82.0	47.0	6.7	-	0.0	-	-	-	-	-	-	-	-
82.2	54.3	-	-	-	-	-	-	-	-	-	-	-
82.2	60.0	-	-	-	-	0.0	-	-	-	-	-	-
83.0	40.0	0.0	-	0.0	-	0.0	0.0	-	-	3.0	-	-
83.0	43.0	0.0	-	13.2	-	0.0	0.0	-	-	0.0	-	-
83.0	51.0	0.0	-	2.6	-	0.0	0.0	-	-	0.0	-	-
85.0	39.0	-	-	-	-	7.7	-	-	-	-	-	-
87.0	32.5	0.3	-	0.0	-	-	0.0	-	-	0.0	-	-
87.0	33.0	1.7	-	2.9	-	-	0.0	-	-	2.3	-	-
87.0	50.0	-	-	2.9	-	-	0.0	-	-	0.0	-	-
90.0	27.5	0.0	-	0.0	-	-	1.6	-	-	0.8	-	-
90.0	65.0	0.0	-	0.0	-	-	3.0	-	-	0.0	-	-
93.0	26.5	0.0	-	0.0	-	-	1.7	-	-	0.8	-	-
93.0	28.0	0.0	-	2.8	-	-	0.0	-	-	0.0	-	-
93.0	35.0	7.5	-	0.0	-	-	0.0	-	-	0.0	-	-
93.0	50.0	0.0	-	2.7	-	-	0.0	-	-	0.0	-	-
97.0	29.0	0.0	-	0.5	-	-	2.4	-	-	3.0	-	-
97.0	30.0	0.0	-	0.0	-	-	0.0	-	-	0.0	-	-
97.0	32.0	0.0	-	2.8	-	-	0.0	-	-	0.0	-	-
100.0	30.0	0.0	-	0.0	-	-	0.0	-	-	5.7	-	-
100.0	80.0	0.0	-	0.0	-	-	0.0	-	-	3.2	-	-
103.0	28.5	0.0	-	0.0	-	-	0.0	-	-	1.2	-	-
103.0	29.0	0.0	-	0.0	-	-	0.5	-	-	1.6	-	-
107.0	30.0	0.0	-	0.0	-	-	0.3	-	-	0.5	-	-
107.0	31.0	1.0	-	0.0	-	-	0.7	-	-	0.0	-	-
107.0	32.0	0.0	-	3.2	-	-	0.0	-	-	0.0	-	-
110.0	32.0	0.0	-	0.0	-	-	2.2	-	-	0.0	-	-
110.0	40.0	0.0	-	3.3	-	-	0.0	-	-	0.0	-	-
113.0	30.0	0.0	-	0.0	-	-	0.0	-	-	2.6	-	-
113.0	40.0	0.0	-	0.0	-	-	0.0	-	-	2.8	-	-
117.0	24.8	0.0	-	0.0	-	-	0.0	-	-	0.6	-	-
117.0	30.0	0.0	-	0.0	-	-	0.0	-	-	2.7	-	-
117.0	65.0	0.0	-	0.0	-	-	6.6	-	-	0.0	-	-
118.0	39.0	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
120.0	22.5	0.0	-	1.2	-	-	0.0	-	-	1.1	-	-
120.0	24.0	0.0	-	0.0	-	-	0.0	-	-	4.1	-	-
120.0	40.0	0.0	-	0.0	-	-	0.0	-	-	0.0	-	-
130.0	25.5	0.0	-	0.0	-	-	2.5	-	-	0.0	-	-
130.0	26.0	0.8	-	0.0	-	-	-	-	-	0.0	-	-

TABLE 4. (cont.)

Gobiidae (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
130.0	35.0	3.0	-	0.0	-	-	0.0	-	-	0.0	-	-
133.0	19.5	4.4	-	0.0	-	-	-	0.0	-	0.7	-	-
133.0	21.0	0.0	-	0.0	-	-	-	0.0	-	1.5	-	-
137.0	20.0	0.8	-	-	2.0	-	0.7	-	-	13.2	-	-
137.0	21.0	1.9	-	-	0.0	-	1.1	-	-	1.1	-	-
137.0	22.0	0.0	-	-	0.0	-	0.0	-	-	2.6	-	-

Icosteus aenigmaticus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0	80.0	-	-	3.5	-	-	-	-	-	-	-	-

Halichoeres spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
118.0	39.0	0.0	-	0.0	-	-	6.1	-	-	0.0	-	-
120.0	35.0	0.0	-	0.0	-	-	3.3	-	-	0.0	-	-
120.0	40.0	0.0	-	0.0	-	-	3.4	-	-	0.0	-	-
123.5	35.6	0.0	-	0.0	-	-	0.0	-	-	1.3	-	-
127.0	32.6	0.0	-	0.0	-	-	-	0.0	-	1.0	-	-
130.0	25.5	0.0	-	0.0	-	-	0.0	-	-	2.2	-	-
130.0	30.0	0.0	-	0.0	-	-	0.0	-	-	2.1	-	-
130.0	35.0	0.0	-	0.0	-	-	0.0	-	-	9.0	-	-
133.0	19.5	0.0	-	0.0	-	-	-	0.0	-	4.1	-	-
133.0	21.0	0.0	-	0.0	-	-	-	5.3	-	11.8	-	-
133.0	23.0	0.0	-	0.0	-	-	-	0.0	-	16.3	-	-
133.0	40.0	0.0	-	0.0	-	-	-	3.1	-	0.0	-	-
137.0	20.0	0.0	-	0.0	-	-	0.0	-	-	4.0	-	-
137.0	21.0	0.0	-	0.0	-	-	0.0	-	-	142.3	-	-
137.0	22.0	0.0	-	-	0.0	-	1.5	-	-	5.2	-	-
137.0	23.0	0.0	-	-	0.0	-	4.3	-	-	0.0	-	-

Oxyjulis californica

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0	70.0	-	-	3.2	-	-	-	-	-	-	-	-
83.0	40.0	0.0	-	2.0	-	0.0	0.0	-	-	0.0	-	-
83.0	43.0	0.0	-	0.0	-	-	0.0	-	-	3.3	-	-
87.0	45.0	0.0	-	0.0	-	-	0.0	-	-	3.3	-	-
87.0	50.0	-	-	0.0	-	-	0.0	-	-	2.6	-	-
90.0	28.0	0.0	-	0.0	-	-	2.6	-	-	0.0	-	-
90.0	53.0	0.0	-	0.0	-	-	0.0	-	-	3.0	-	-
90.0	60.0	0.0	-	0.0	-	-	2.7	-	-	0.0	-	-

TABLE 4. (cont.)

Oxyulis californica (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	50.0	-	-	2.7	-	-	0.0	-	-	0.0	-	-
93.0	55.0	-	-	2.8	-	-	0.0	-	-	0.0	-	-
93.0	60.0	-	-	0.0	-	-	3.4	-	-	0.0	-	-
97.0	32.0	-	-	2.8	-	-	-	-	-	0.0	-	-
100.0	55.0	-	-	0.0	-	-	2.1	-	-	0.0	-	-
110.0	70.0	-	-	0.0	-	-	2.5	-	-	0.0	-	-
117.0	50.0	-	-	0.0	-	-	3.1	-	-	0.0	-	-

Semicossyphus pulcher

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	40.0	0.0	-	0.0	-	0.0	0.0	-	-	1.5	-	-
83.0	42.0	-	-	0.0	-	-	3.1	-	-	3.3	-	-
123.0	36.0	-	-	0.0	-	-	0.0	-	-	1.1	-	-
127.0	33.0	-	-	0.0	-	-	-	0.0	-	2.8	-	-
127.0	34.0	-	-	0.0	-	-	-	0.0	-	2.8	-	-
137.0	35.0	-	-	-	0.0	-	5.4	-	-	0.0	-	-

Pomacentridae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	30.0	-	-	0.0	-	-	0.0	-	-	2.9	-	-
120.0	40.0	-	-	0.0	-	-	28.9	-	-	0.0	-	-
123.5	35.6	-	-	0.0	-	-	0.0	-	-	0.6	-	-
130.0	26.0	-	-	0.0	-	-	-	-	-	1.1	-	-

Chromis punctipinnis

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	43.0	-	-	0.0	-	-	0.0	-	-	3.3	-	-
90.0	27.5	-	-	0.0	-	-	0.8	-	-	0.0	-	-
90.0	28.0	-	-	0.0	-	-	2.6	-	-	0.0	-	-
93.0	40.0	-	-	0.0	-	-	0.0	-	-	3.0	-	-
97.0	30.0	-	-	0.0	-	-	0.0	-	-	4.7	-	-
97.0	32.0	-	-	0.0	-	-	0.0	-	-	5.9	-	-
97.0	35.0	-	-	0.0	-	-	0.0	-	-	23.5	-	-
107.0	60.0	-	-	0.0	-	-	3.0	-	-	13.0	-	-
113.0	30.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
117.0	24.8	-	-	0.0	-	-	0.0	-	-	1.3	-	-
118.0	39.0	-	-	0.0	-	-	3.0	-	-	0.0	-	-
123.0	36.0	-	-	0.0	-	-	0.0	-	-	3.4	-	-
130.0	45.0	-	-	0.0	-	-	0.0	-	-	3.0	-	-

TABLE 4. (cont.)

Mugil spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
123.0 55.0	-	0.0	-	3.3	-	-	0.0	-	-	0.0	-	-

Howella brodiei

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 160.0	-	-	-	-	-	-	16.9	-	-	-	-	-
60.0 180.0	-	-	-	-	-	-	2.5	-	-	-	-	-
60.0 190.0	-	-	-	-	-	-	12.6	-	-	-	-	-
63.0 200.0	-	-	-	-	-	-	3.1	-	-	-	-	-
100.0 70.0	-	0.0	-	0.0	-	-	0.0	-	-	3.1	-	-

Brama spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 190.0	-	-	-	-	-	-	2.5	-	-	-	-	-
80.0 90.0	0.0	-	-	-	-	0.0	-	-	-	3.1	-	-
90.0 180.0	-	2.6	-	-	-	-	0.0	-	-	-	-	-
100.0 90.0	-	0.0	-	0.0	-	-	0.0	-	-	3.0	-	-
100.0 140.0	-	2.8	-	-	-	-	-	-	-	-	-	-
100.0 200.0	-	2.6	-	-	-	-	-	-	-	-	-	-
107.0 90.0	-	0.0	-	0.0	-	-	6.0	-	-	0.0	-	-

Carangidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0 65.0	-	0.0	-	0.0	-	-	2.6	-	-	0.0	-	-
130.0 28.0	-	0.0	-	0.0	-	-	1.2	-	-	0.0	-	-
130.0 35.0	-	0.0	-	0.0	-	-	0.0	-	-	3.0	-	-
133.0 21.0	-	0.0	-	0.0	-	-	-	0.0	-	1.5	-	-
133.0 23.0	-	0.0	-	0.0	-	-	-	0.0	-	133.3	-	-
137.0 20.0	-	0.0	-	-	0.0	-	0.7	-	-	0.0	-	-
137.0 21.0	-	0.0	-	-	0.0	-	252.0	-	-	1.1	-	-
137.0 22.0	-	0.0	-	-	0.0	-	127.8	-	-	10.4	-	-
137.0 23.0	-	0.0	-	-	0.0	-	114.5	-	-	20.7	-	-
137.0 35.0	-	0.0	-	-	0.0	-	5.4	-	-	0.0	-	-
140.0 30.0	-	0.0	-	-	-	-	2.4	-	-	-	-	-

Seriola lalandi

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0 28.0	-	0.0	-	0.0	-	-	2.8	-	-	0.0	-	-
123.5 35.6	-	0.0	-	0.0	-	-	0.3	-	-	0.0	-	-

TABLE 4. (cont.)

Seriola lalandi (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
127.0	32.6	0.0	-	0.0	-	-	-	1.2	-	0.0	-	-
127.0	33.0	0.0	-	0.0	-	-	-	26.5	-	0.0	-	-
127.0	34.0	0.0	-	0.0	-	-	-	5.0	-	0.0	-	-
130.0	40.0	0.0	-	0.0	-	-	2.6	-	-	0.0	-	-
130.0	45.0	0.0	-	0.0	-	-	5.1	-	-	0.0	-	-

Trachurus symmetricus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	60.0	0.0	-	0.0	-	-	97.3	-	-	-	-	-
60.0	70.0	0.0	-	0.0	-	-	99.2	-	-	-	-	-
60.0	80.0	0.0	-	0.0	-	-	93.0	-	-	-	-	-
60.0	90.0	0.0	-	-	-	-	205.6	-	-	-	-	-
60.0	100.0	0.0	-	-	-	-	11.4	-	-	-	-	-
67.0	55.0	-	-	0.0	-	11.8	-	-	-	-	-	-
67.0	60.0	0.0	-	0.0	-	16.3	-	-	-	-	-	-
67.0	60.0	0.0	-	0.0	-	10.9	-	-	-	-	-	-
70.0	70.0	0.0	-	0.0	-	87.4	-	-	-	-	-	-
70.0	80.0	0.0	-	0.0	-	73.2	-	-	-	-	-	-
73.0	50.0	0.0	-	0.0	-	2.1	-	-	-	-	-	-
76.2	70.0	0.0	-	0.0	-	22.6	-	-	-	-	-	-
77.0	70.0	0.0	-	6.3	-	6.6	-	-	-	-	-	-
77.0	80.0	-	-	46.6	-	-	-	-	-	0.0	-	-
80.0	80.0	2.8	-	0.0	-	0.0	-	-	-	-	-	-
80.0	100.0	0.0	-	-	-	32.9	-	-	-	-	-	-
80.8	60.0	0.0	-	-	-	2.6	-	-	-	-	-	-
81.5	65.0	-	-	-	-	35.3	-	-	-	-	-	-
82.2	65.0	-	-	-	-	143.8	-	-	-	-	-	-
83.0	55.0	-	-	0.0	-	3.1	0.0	-	-	0.0	-	-
83.0	60.0	0.0	-	0.0	-	23.7	0.0	-	-	0.0	-	-
83.0	65.0	5.8	-	0.0	-	15.5	0.0	-	-	0.0	-	-
83.0	70.0	278.3	-	0.0	-	-	6.8	-	-	0.0	-	-
83.0	80.0	46.3	-	6.1	-	-	0.0	-	-	0.0	-	-
83.0	90.0	50.7	-	-	-	-	0.0	-	-	0.0	-	-
85.0	55.0	-	-	-	-	20.5	-	-	-	-	-	-
85.0	60.0	-	-	-	-	34.5	-	-	-	-	-	-
87.0	32.5	0.0	-	0.4	-	-	0.0	-	-	0.0	-	-
87.0	34.0	0.0	-	0.0	-	-	0.0	-	-	2.0	-	-
87.0	55.0	0.0	-	0.0	-	-	7.1	-	-	0.0	-	-
87.0	60.0	0.0	-	0.0	-	-	29.4	-	-	0.0	-	-
87.0	65.0	21.9	-	0.0	-	-	41.5	-	-	0.0	-	-
87.0	70.0	60.7	-	0.0	-	-	3.0	-	-	0.0	-	-
87.0	80.0	166.8	-	5.5	-	-	0.0	-	-	0.0	-	-
87.0	90.0	61.3	-	9.4	-	-	0.0	-	-	0.0	-	-
87.0	100.0	-	-	2.9	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

Trachurus symmetricus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	27.5	0.3	-	0.0	-	-	0.0	-	-	0.0	-	-
90.0	28.0	0.0	-	0.0	-	-	5.1	-	-	0.0	-	-
90.0	60.0	2.4	-	0.0	-	-	0.0	-	-	0.0	-	-
90.0	65.0	42.4	-	0.0	-	-	5.9	-	-	0.0	-	-
90.0	70.0	54.0	-	6.0	-	-	102.3	-	-	0.0	-	-
90.0	80.0	27.3	-	0.0	-	-	0.0	-	-	0.0	-	-
90.0	90.0	777.2	-	0.0	-	-	0.0	-	-	0.0	-	-
90.0	100.0	46.6	-	11.6	-	-	3.0	-	-	0.0	-	-
90.0	120.0	2.5	-	-	-	-	0.0	-	-	-	-	-
93.0	60.0	11.1	-	0.0	-	-	27.2	-	-	0.0	-	-
93.0	65.0	32.5	-	0.0	-	-	12.6	-	-	0.0	-	-
93.0	70.0	12.6	-	2.5	-	-	0.0	-	-	0.0	-	-
93.0	80.0	15.8	-	11.8	-	-	-	-	-	0.0	-	-
93.0	90.0	181.2	-	0.0	-	-	-	-	-	0.0	-	-
93.0	100.0	38.5	-	14.5	-	-	-	-	-	0.0	-	-
97.0	35.0	26.4	-	0.0	-	-	0.0	-	-	0.0	-	-
97.0	40.0	16.0	-	0.0	-	-	0.0	-	-	0.0	-	-
97.0	45.0	3.1	-	0.0	-	-	0.0	-	-	0.0	-	-
97.0	50.0	2.9	-	0.0	-	-	-	-	-	0.0	-	-
97.0	55.0	3.1	-	0.0	-	-	0.0	-	-	0.0	-	-
97.0	60.0	3.0	-	50.6	-	-	0.0	-	-	0.0	-	-
97.0	65.0	0.0	-	5.8	-	-	15.7	-	-	0.0	-	-
97.0	70.0	0.0	-	5.6	-	-	9.5	-	-	0.0	-	-
97.0	80.0	9.8	-	0.0	-	-	-	-	-	0.0	-	-
97.0	90.0	0.0	-	5.4	-	-	-	-	-	0.0	-	-
97.0	100.0	-	-	19.9	-	-	-	-	-	-	-	-
100.0	35.0	9.5	-	0.0	-	-	0.0	-	-	0.0	-	-
100.0	40.0	14.9	-	0.0	-	-	6.0	-	-	0.0	-	-
100.0	45.0	18.6	-	0.0	-	-	190.3	-	-	0.0	-	-
100.0	50.0	3.3	-	0.0	-	-	100.8	-	-	0.0	-	-
100.0	55.0	5.6	-	0.0	-	-	92.7	-	-	0.0	-	-
100.0	60.0	8.3	-	8.9	-	-	36.8	-	-	0.0	-	-
100.0	65.0	34.3	-	104.4	-	-	4.5	-	-	0.0	-	-
100.0	70.0	24.5	-	94.4	-	-	2.7	-	-	0.0	-	-
100.0	80.0	23.2	-	39.5	-	-	0.0	-	-	0.0	-	-
100.0	90.0	24.2	-	64.7	-	-	0.0	-	-	0.0	-	-
100.0	100.0	149.6	-	-	-	-	-	-	-	-	-	-
103.0	40.0	12.0	-	0.0	-	-	0.0	-	-	0.0	-	-
103.0	45.0	5.9	-	6.2	-	-	-	-	-	0.0	-	-
103.0	50.0	0.0	-	3.1	-	-	15.7	-	-	0.0	-	-
103.0	55.0	3.1	-	52.5	-	-	51.2	-	-	0.0	-	-
103.0	60.0	0.0	-	73.7	-	-	24.3	-	-	0.0	-	-
103.0	65.0	15.6	-	189.0	-	-	11.6	-	-	0.0	-	-
103.0	70.0	8.4	-	57.8	-	-	23.6	-	-	0.0	-	-
103.0	80.0	6.1	-	61.7	-	-	9.3	-	-	0.0	-	-
103.0	90.0	0.0	-	27.4	-	-	2.7	-	-	0.0	-	-

TABLE 4. (cont.)

Trachurus symmetricus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
107.0	32.0	3.3	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0	40.0	0.0	-	43.9	-	-	3.0	-	-	0.0	-	-
107.0	45.0	0.0	-	18.8	-	-	36.5	-	-	0.0	-	-
107.0	50.0	13.2	-	3.1	-	-	16.0	-	-	0.0	-	-
107.0	55.0	0.0	-	47.0	-	-	16.8	-	-	0.0	-	-
107.0	60.0	0.0	-	13.2	-	-	67.1	-	-	0.0	-	-
107.0	65.0	31.2	-	22.6	-	-	0.0	-	-	0.0	-	-
107.0	70.0	11.4	-	178.7	-	-	8.6	-	-	0.0	-	-
107.0	80.0	15.3	-	3.2	-	-	0.0	-	-	0.0	-	-
107.0	90.0	3.0	-	18.1	-	-	3.0	-	-	0.0	-	-
110.0	32.0	0.0	-	2.0	-	-	0.0	-	-	0.0	-	-
110.0	35.0	0.0	-	6.6	-	-	0.0	-	-	0.0	-	-
110.0	40.0	0.0	-	0.0	-	-	21.7	-	-	0.0	-	-
110.0	45.0	7.9	-	0.0	-	-	67.0	-	-	0.0	-	-
110.0	50.0	10.6	-	0.0	-	-	30.0	-	-	0.0	-	-
110.0	55.0	2.7	-	23.5	-	-	0.0	-	-	0.0	-	-
110.0	60.0	2.9	-	16.1	-	-	0.0	-	-	0.0	-	-
110.0	65.0	0.0	-	128.5	-	-	3.1	-	-	0.0	-	-
110.0	70.0	3.0	-	42.0	-	-	0.0	-	-	0.0	-	-
110.0	80.0	8.2	-	118.2	-	-	7.4	-	-	0.0	-	-
110.0	90.0	9.1	-	9.9	-	-	4.7	-	-	0.0	-	-
110.0	100.0	12.2	-	9.5	-	-	0.0	-	-	0.0	-	-
113.0	40.0	0.0	-	-	-	-	-	-	-	-	-	-
113.0	45.0	0.0	-	0.0	-	-	5.9	-	-	0.0	-	-
113.0	50.0	0.0	-	3.1	-	-	-	-	-	0.0	-	-
113.0	60.0	0.0	-	3.2	-	-	0.0	-	-	0.0	-	-
113.0	65.0	15.1	-	86.8	-	-	0.0	-	-	0.0	-	-
113.0	70.0	5.8	-	56.8	-	-	-	-	-	0.0	-	-
113.0	80.0	6.0	-	25.2	-	-	0.0	-	-	0.0	-	-
113.0	90.0	7.4	-	34.5	-	-	0.0	-	-	0.0	-	-
117.0	24.8	0.0	-	33.2	-	-	0.0	-	-	-	-	-
117.0	50.0	0.0	-	2.0	-	-	0.0	-	-	0.0	-	-
117.0	55.0	0.0	-	16.4	-	-	0.0	-	-	0.0	-	-
117.0	60.0	0.0	-	28.7	-	-	0.0	-	-	0.0	-	-
117.0	65.0	0.0	-	64.4	-	-	0.0	-	-	0.0	-	-
117.0	70.0	2.9	-	12.6	-	-	0.0	-	-	0.0	-	-
117.0	80.0	15.1	-	6.6	-	-	0.0	-	-	0.0	-	-
117.0	90.0	0.0	-	3.2	-	-	0.0	-	-	0.0	-	-
120.0	50.0	5.9	-	15.8	-	-	0.0	-	-	0.0	-	-
120.0	60.0	0.0	-	0.0	-	-	0.0	-	-	0.0	-	-
120.0	70.0	0.0	-	3.1	-	-	0.0	-	-	0.0	-	-
120.0	80.0	0.0	-	28.2	-	-	0.0	-	-	-	-	-
123.0	36.0	0.0	-	2.6	-	-	0.0	-	-	0.0	-	-
123.0	60.0	0.0	-	3.3	-	-	0.0	-	-	0.0	-	-
123.0	70.0	0.0	-	9.6	-	-	0.0	-	-	0.0	-	-
123.0	80.0	2.9	-	25.0	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Trachurus symmetricus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
127.0	55.0	-	2.8	0.0	-	-	-	0.0	-	0.0	-	-
127.0	70.0	-	0.0	5.9	-	-	-	0.0	-	-	-	-
137.0	22.0	-	13.3	-	0.0	-	0.0	-	-	0.0	-	-

Coryphaena hippurus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
140.0	45.0	-	0.0	-	-	-	5.5	-	-	-	-	-

Gerreidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
130.0	25.5	-	0.0	0.0	-	-	0.8	-	-	0.0	-	-
130.0	28.0	-	0.0	0.0	-	-	21.2	-	-	0.0	-	-
130.0	35.0	-	0.0	0.0	-	-	0.0	-	-	3.0	-	-
133.0	21.0	-	0.0	0.0	-	-	-	0.0	-	16.3	-	-
133.0	25.0	-	0.0	0.0	-	-	-	0.0	-	2.6	-	-
133.0	35.0	-	0.0	0.0	-	-	-	0.0	-	3.2	-	-
133.0	45.0	-	0.0	0.0	-	-	-	0.0	-	3.2	-	-
137.0	20.0	-	0.0	0.0	0.0	-	0.0	-	-	4.4	-	-
137.0	21.0	-	0.0	-	0.0	-	2.2	-	-	0.0	-	-
137.0	22.0	-	0.0	-	0.0	-	4.6	-	-	0.0	-	-

Haemulidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0	35.0	-	0.0	0.0	-	-	4.0	-	-	0.0	-	-
120.0	23.0	-	0.0	0.0	-	-	0.9	-	-	0.0	-	-
120.0	40.0	-	0.0	0.0	-	-	10.2	-	-	0.0	-	-
127.0	32.6	-	0.0	0.0	-	-	-	0.3	-	0.0	-	-
127.0	33.0	-	0.0	0.0	-	-	-	2.7	-	0.0	-	-
130.0	25.5	-	0.0	0.0	-	-	10.8	-	-	0.0	-	-
130.0	28.0	-	0.0	0.0	-	-	100.3	-	-	0.0	-	-
130.0	30.0	-	0.0	0.0	-	-	1.3	-	-	0.0	-	-
133.0	19.5	-	0.0	0.0	-	-	-	8.7	-	0.0	-	-
133.0	21.0	-	0.0	0.0	-	-	-	21.1	-	0.0	-	-
133.0	23.0	-	0.0	0.0	-	-	-	4.1	-	0.0	-	-
133.0	35.0	-	0.0	0.0	-	-	-	3.2	-	0.0	-	-
137.0	20.0	-	0.0	0.0	0.0	-	10.9	-	-	0.0	-	-
137.0	21.0	-	0.0	0.0	0.0	-	27.8	-	-	0.0	-	-
137.0	22.0	-	0.0	0.0	0.0	-	32.3	-	-	0.0	-	-
137.0	23.0	-	0.0	0.0	0.0	-	129.6	-	-	0.0	-	-

TABLE 4. (cont.)

Girella nigricans

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	70.0	-	0.0	0.0	-	-	3.3	-	-	0.0	-	-
120.0	22.5	-	0.0	0.0	-	-	0.0	-	-	0.5	-	-
123.0	36.0	-	0.0	0.0	-	-	0.0	-	-	1.1	-	-

Medialuna californiensis

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
107.0	40.0	-	0.0	0.0	-	-	3.0	-	-	0.0	-	-
107.0	65.0	-	0.0	0.0	-	-	3.0	-	-	0.0	-	-
110.0	35.0	-	0.0	0.0	-	-	3.3	-	-	0.0	-	-
110.0	40.0	-	0.0	0.0	-	-	10.9	-	-	0.0	-	-

Caulolatilus princeps

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	30.0	-	0.0	0.0	-	-	0.0	-	-	2.8	-	-
127.0	32.6	-	0.0	0.0	-	-	-	0.3	-	0.0	-	-
127.0	34.0	-	0.0	0.0	-	-	-	2.5	-	0.0	-	-

Sciaenidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	51.0	-	-	0.0	-	-	0.0	-	-	-	-	-
60.0	52.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
60.0	55.0	-	-	0.0	-	-	0.0	-	-	-	-	-
63.0	49.7	-	-	-	-	-	-	-	-	-	-	-
63.0	50.0	-	-	0.0	-	-	-	-	-	-	-	-
63.0	51.0	-	-	0.0	-	0.0	-	-	-	-	-	-
63.0	52.0	-	-	0.0	-	0.0	-	-	-	-	-	-
67.0	47.3	-	-	0.0	-	0.0	-	-	-	-	-	-
67.0	48.0	-	-	0.0	-	-	-	-	-	-	-	-
67.0	49.0	-	-	1.6	-	0.0	-	-	-	-	-	-
67.0	50.0	-	-	0.0	-	0.0	-	-	-	-	-	-
67.0	55.0	-	-	0.0	-	0.0	-	-	-	-	-	-
70.0	50.0	-	-	0.0	-	0.0	-	-	-	-	-	-
73.0	49.4	-	-	0.0	-	0.0	-	-	-	-	-	-
73.0	50.0	-	-	0.0	-	0.0	-	-	-	-	-	-
73.0	51.0	-	-	0.0	-	0.0	-	-	-	-	-	-
73.0	53.0	-	-	0.0	-	0.0	-	-	-	-	-	-
76.2	49.8	-	-	-	-	-	-	-	-	-	-	-
76.2	52.2	-	-	-	-	-	-	-	-	-	-	-
76.2	54.6	-	-	-	-	-	-	-	-	-	-	-
76.2	66.7	-	-	-	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

Sciaenidae (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
76.2	70.0	2.7	-	-	-	0.0	-	-	-	-	-	-
77.0	47.6	0.4	-	-	-	0.0	-	-	-	-	-	-
77.0	48.0	4.8	-	-	-	0.0	-	-	-	-	-	-
77.0	49.0	12.2	-	0.0	-	0.0	-	-	-	-	-	-
77.0	51.0	30.6	-	0.0	-	0.0	-	-	-	-	-	-
77.0	52.9	3.0	-	-	-	-	-	-	-	-	-	-
77.8	51.1	2.8	-	-	-	-	-	-	-	-	-	-
77.8	54.0	5.7	-	-	-	-	-	-	-	-	-	-
77.8	60.0	2.7	-	-	-	0.0	-	-	-	-	-	-
78.5	54.5	2.7	-	-	-	-	-	-	-	-	-	-
79.2	52.6	53.8	-	-	-	-	-	-	-	-	-	-
79.2	54.4	6.3	-	-	-	-	-	-	-	-	-	-
80.0	50.2	4.0	-	-	-	0.0	-	-	-	0.0	-	-
80.0	51.0	266.1	-	0.0	-	0.0	-	-	-	0.0	-	-
80.0	52.0	76.6	-	0.0	-	0.0	-	-	-	0.0	-	-
80.0	53.0	38.6	-	-	-	0.0	-	-	-	-	-	-
80.0	55.0	5.5	-	0.0	-	0.0	-	-	-	0.0	-	-
80.8	51.0	5.6	-	-	-	-	-	-	-	-	-	-
80.8	54.0	2.8	-	-	-	-	-	-	-	-	-	-
81.5	46.1	3.3	-	-	-	-	-	-	-	-	-	-
82.0	47.0	80.4	-	0.0	-	-	0.0	-	-	0.0	-	-
82.2	47.0	-	-	-	-	-	-	-	-	-	-	-
83.0	39.0	500.8	-	0.0	-	0.0	0.0	-	-	31.6	-	-
83.0	40.0	7.5	-	0.0	-	0.0	0.0	-	-	44.4	-	-
83.0	43.0	3.1	-	6.6	-	-	0.0	-	-	3.3	-	-
83.0	51.0	0.0	-	2.6	-	0.0	0.0	-	-	0.0	-	-
87.0	32.5	3.9	-	0.0	-	-	1.6	-	-	0.0	-	-
87.0	33.0	-	-	0.0	-	-	-	-	-	2.3	-	-
87.0	34.0	7.0	-	0.0	-	-	2.6	-	-	0.0	-	-
87.0	35.0	2.7	-	0.0	-	-	-	-	-	0.0	-	-
90.0	27.5	0.0	-	0.0	-	-	26.5	-	-	0.0	-	-
90.0	28.0	32.9	-	0.0	-	-	84.8	-	-	0.0	-	-
90.0	32.0	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
93.0	26.5	0.0	-	4.6	-	-	0.0	-	-	0.0	-	-
93.0	27.0	0.0	-	8.4	-	-	0.0	-	-	0.0	-	-
97.0	28.6	4.8	-	-	-	-	-	-	-	-	-	-
97.0	29.0	4.0	-	-	-	-	-	-	-	-	-	-
97.0	30.0	10.8	-	5.8	-	-	0.0	-	-	0.0	-	-
97.0	32.0	0.0	-	3.2	-	-	0.0	-	-	0.0	-	-
100.0	29.0	7.7	-	2.8	-	-	0.0	-	-	0.0	-	-
103.0	28.5	4.8	-	0.0	-	-	0.0	-	-	0.0	-	-
103.0	29.0	6.5	-	0.0	-	-	0.0	-	-	2.4	-	-
103.0	30.0	1.4	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0	30.0	22.8	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0	31.0	35.0	-	0.0	-	-	0.0	-	-	0.0	-	-
110.0	32.0	8.1	-	0.0	-	-	0.0	-	-	0.0	-	-

TABLE 4. (cont.)

Sciaenidae (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
110.0	35.0	23.6	-	0.0	-	-	0.0	-	-	0.0	-	-
110.0	80.0	2.7	-	0.0	-	-	0.0	-	-	0.0	-	-
113.0	28.5	3.4	-	0.0	-	-	0.0	-	-	0.0	-	-
113.0	29.0	8.0	-	0.0	-	-	0.0	-	-	0.0	-	-
113.0	30.0	28.1	-	0.0	-	-	0.0	-	-	0.0	-	-
115.0	35.0	-	2.6	-	-	-	0.0	-	-	-	-	-
117.0	24.8	0.8	-	0.0	-	-	0.9	-	-	0.0	-	-
117.0	25.0	3.4	-	0.0	-	-	5.6	-	-	0.0	-	-
117.0	26.0	2.4	-	0.0	-	-	2.8	-	-	0.0	-	-
118.0	39.0	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
119.0	33.0	-	0.0	3.3	-	-	2.9	-	-	0.0	-	-
120.0	22.5	0.2	-	0.0	-	-	0.3	-	-	1.1	-	-
120.0	23.0	7.8	-	0.0	-	-	0.0	-	-	0.0	-	-
120.0	24.0	11.7	-	0.0	-	-	1.7	-	-	0.0	-	-
120.0	25.0	0.0	-	0.0	-	-	6.0	-	-	0.0	-	-
120.0	30.0	9.0	-	0.0	-	-	0.0	-	-	0.0	-	-
123.5	35.6	0.0	-	0.0	-	-	0.0	-	-	1.3	-	-
127.0	32.6	0.0	-	0.0	-	-	-	1.2	-	0.0	-	-
127.0	33.0	5.8	-	0.0	-	-	123.7	15.9	-	0.0	-	-
130.0	25.5	1.8	-	0.0	-	-	-	-	-	0.0	-	-
130.0	26.0	5.0	-	0.0	-	-	-	-	-	0.0	-	-
130.0	28.0	3.5	-	0.0	-	-	29.5	-	-	1.7	-	-
130.0	30.0	2.6	-	0.0	-	-	1.3	-	-	0.0	-	-
130.0	35.0	0.0	-	0.0	-	-	2.3	-	-	0.0	-	-
133.0	19.5	0.0	-	0.0	-	-	-	4.1	-	0.0	-	-
133.0	21.0	0.0	-	0.0	-	-	-	22.0	-	0.0	-	-
133.0	23.0	1.6	-	0.0	-	-	-	0.0	-	14.8	-	-
137.0	20.0	0.3	-	0.0	-	-	105.4	-	-	3.3	-	-
137.0	21.0	5.3	-	0.0	0.0	-	144.3	-	-	12.0	-	-
137.0	22.0	0.0	-	0.0	0.0	-	2.7	-	-	30.0	-	-
137.0	23.0	0.0	-	-	0.0	-	56.2	-	-	57.4	-	-
140.0	29.0	-	-	-	-	-	5.8	-	-	20.7	-	-
140.0	30.0	0.0	-	-	-	-	2.4	-	-	-	-	-
140.0	40.0	0.0	-	-	-	-	2.5	-	-	-	-	-

Serranidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	40.0	0.0	-	0.0	-	-	0.0	-	-	7.4	-	-
87.0	34.0	0.0	-	0.0	-	-	2.6	-	-	0.0	-	-
90.0	27.5	0.0	-	0.0	-	-	3.1	-	-	0.0	-	-
119.0	33.0	-	0.0	0.0	-	-	5.8	-	-	0.0	-	-
120.0	22.5	0.0	-	0.0	-	-	0.2	-	-	1.1	-	-
120.0	23.0	0.0	-	0.0	-	-	2.8	-	-	0.0	-	-
120.0	24.0	0.0	-	0.0	-	-	6.0	-	-	0.0	-	-

TABLE 4. (cont.)

Serranidae (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	35.0	-	-	0.0	-	-	3.3	-	-	0.0	-	-
120.0	40.0	0.0	-	0.0	-	-	5.1	-	-	0.0	-	-
123.0	36.0	0.0	-	0.0	-	-	2.8	-	-	0.0	-	-
123.0	37.0	0.0	-	0.0	-	-	5.0	-	-	0.0	-	-
123.0	45.0	0.0	-	0.0	-	-	3.2	-	-	0.0	-	-
123.5	35.6	0.0	-	0.0	-	-	1.2	-	-	0.6	-	-
127.0	32.6	0.0	-	0.0	-	-	-	0.3	-	1.0	-	-
127.0	34.0	0.0	-	0.0	-	-	-	0.0	-	2.8	-	-
127.0	55.0	0.0	-	0.0	-	-	-	3.1	-	0.0	-	-
130.0	25.5	0.0	-	0.0	-	-	30.7	-	-	1.7	-	-
130.0	26.0	0.0	-	0.0	-	-	-	-	-	1.1	-	-
130.0	28.0	0.0	-	0.0	-	-	149.9	-	-	5.2	-	-
130.0	30.0	0.0	-	0.0	-	-	1.3	-	-	2.1	-	-
130.0	35.0	0.0	-	0.0	-	-	0.0	-	-	9.0	-	-
133.0	19.5	0.0	-	0.0	-	-	-	7.8	-	0.0	-	-
133.0	21.0	0.0	-	0.0	-	-	-	41.4	-	45.9	-	-
133.0	23.0	0.0	-	0.0	-	-	-	0.0	-	16.3	-	-
137.0	21.0	0.0	-	0.0	0.0	-	131.0	-	-	33.2	-	-
137.0	22.0	0.0	-	-	0.0	-	20.0	-	-	62.6	-	-
137.0	23.0	0.0	-	-	0.0	-	8.6	-	-	158.0	-	-
137.0	30.0	0.0	-	-	0.0	-	-	-	-	9.0	-	-

Gempylidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	190.0	-	-	-	-	-	2.5	-	-	-	-	-
90.0	140.0	0.0	-	-	-	-	2.7	-	-	-	-	-
90.0	180.0	0.0	-	-	-	-	5.5	-	-	-	-	-
90.0	200.0	0.0	-	-	-	-	2.5	-	-	-	-	-
100.0	180.0	2.5	-	-	-	-	-	-	-	-	-	-

Scombridae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
127.0	65.0	0.0	-	3.1	-	-	-	0.0	-	-	-	-
137.0	23.0	0.0	-	-	0.0	-	6.5	-	-	0.0	-	-

Sarda chiliensis

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	30.0	0.0	-	0.0	-	-	5.2	-	-	0.0	-	-
123.0	36.0	0.0	-	0.0	-	-	0.9	-	-	0.0	-	-
123.0	50.0	0.0	-	10.2	-	-	0.0	-	-	0.0	-	-

TABLE 4. (cont.)

Sarda chiliensis (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
127.0 50.0	-	0.0	-	6.4	-	-	-	0.0	-	0.0	-	-
127.0 60.0	-	3.0	-	3.0	-	-	-	0.0	-	0.0	-	-
133.0 21.0	-	1.0	-	0.0	-	-	-	0.0	-	0.0	-	-
137.0 22.0	-	0.0	-	-	0.0	-	10.8	-	-	0.0	-	-
140.0 50.0	-	0.0	-	-	-	-	2.6	-	-	-	-	-

Scomber japonicus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0 40.0	0.0	0.0	-	0.0	-	0.0	0.0	-	-	1.5	-	-
100.0 55.0	-	0.0	-	0.0	-	-	8.2	-	-	0.0	-	-
107.0 21.0	-	1.0	-	0.0	-	-	0.0	-	-	0.0	-	-
110.0 55.0	-	0.0	-	0.0	-	-	2.6	-	-	0.0	-	-
113.0 35.0	-	0.0	-	0.0	-	-	3.2	-	-	0.0	-	-
117.0 24.8	-	0.0	-	0.0	-	-	0.9	-	-	0.0	-	-
117.0 25.0	-	0.0	-	0.0	-	-	36.1	-	-	0.0	-	-
117.0 26.0	-	0.0	-	0.0	-	-	22.6	-	-	0.0	-	-
117.0 30.0	-	0.0	-	0.0	-	-	2.9	-	-	0.0	-	-
119.0 33.0	-	-	0.0	0.0	-	-	17.4	-	-	0.0	-	-
120.0 22.5	-	0.0	-	0.0	-	-	0.5	-	-	0.0	-	-
120.0 23.0	-	0.0	-	0.0	-	-	5.5	-	-	0.0	-	-
120.0 35.0	-	0.0	-	0.0	-	-	6.6	-	-	0.0	-	-
120.0 40.0	-	0.0	-	0.0	-	-	5.1	-	-	0.0	-	-
123.0 36.0	-	0.0	-	0.0	-	-	0.0	-	-	2.3	-	-
123.0 37.0	-	0.0	-	0.0	-	-	0.0	-	-	0.0	-	-
127.0 34.0	-	0.0	-	0.0	-	-	2.5	2.5	-	0.0	-	-
130.0 25.5	-	0.0	-	0.0	-	-	0.8	-	-	0.0	-	-
130.0 25.5	-	0.0	-	0.0	-	-	4.7	-	-	0.0	-	-
130.0 28.0	-	0.0	-	0.0	-	-	0.0	-	-	6.0	-	-
130.0 35.0	-	3.0	-	0.0	-	-	-	0.3	-	0.7	-	-
133.0 19.5	-	9.9	-	0.0	-	-	-	0.9	-	17.8	-	-
133.0 21.0	-	14.1	-	0.0	-	-	-	0.0	-	152.8	-	-
133.0 23.0	-	0.0	-	0.0	-	-	-	0.0	-	7.9	-	-
133.0 25.0	-	1.9	-	0.0	-	-	-	0.0	-	0.8	-	-
133.0 25.0	-	2.6	-	0.0	0.0	-	0.0	-	-	8.6	-	-
137.0 20.0	-	32.2	-	0.0	0.0	-	0.0	-	-	78.3	-	-
137.0 21.0	-	0.0	-	0.0	0.0	-	0.0	-	-	41.4	-	-
137.0 22.0	-	0.0	-	0.0	0.0	-	0.0	-	-	0.0	-	-
137.0 23.0	-	65.3	-	0.0	0.0	-	-	-	-	-	-	-
137.0 30.0	-	2.3	-	0.0	0.0	-	-	-	-	-	-	-
140.0 28.8	-	1.8	-	-	-	-	-	-	-	-	-	-

Scomberomorus spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0 25.0	-	0.0	-	0.0	-	-	2.8	-	-	0.0	-	-

TABLE 4. (cont.)

Trichiuridae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0	49.0	-	-	0.0	-	0.0	-	-	-	-	-	-
80.0	55.0	-	-	0.0	-	0.0	-	-	-	0.0	-	-
82.2	43.5	-	-	-	-	0.0	-	-	-	-	-	-
117.0	35.0	0.0	-	0.0	-	0.0	3.1	-	-	0.0	-	-
120.0	35.0	0.0	-	0.0	-	-	0.0	-	-	2.8	-	-
120.0	40.0	0.0	-	0.0	-	-	0.0	-	-	2.1	-	-
120.0	45.0	0.0	-	0.0	-	-	0.0	0.0	-	2.8	-	-
127.0	45.0	0.0	-	0.0	-	-	-	0.0	-	9.7	-	-
127.0	50.0	0.0	-	0.0	-	-	-	0.0	-	2.7	-	-
130.0	35.0	0.0	-	0.0	-	-	0.0	-	-	9.0	-	-
130.0	45.0	0.0	-	0.0	-	-	0.0	0.0	-	3.0	-	-
133.0	35.0	0.0	-	0.0	-	-	-	0.0	-	6.5	-	-
133.0	40.0	0.0	-	0.0	-	-	-	0.0	-	3.2	-	-
133.0	45.0	0.0	-	0.0	-	-	-	0.0	-	12.8	-	-
133.0	50.0	0.0	-	0.0	-	-	-	0.0	-	6.0	-	-
133.0	60.0	0.0	-	0.0	-	-	-	0.0	-	3.0	-	-
137.0	40.0	0.0	-	0.0	-	-	2.7	-	-	0.0	-	-

Sphyraena argentea

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	28.0	0.0	-	0.0	-	-	30.8	-	-	0.0	-	-
117.0	25.0	0.0	-	2.6	-	-	0.0	-	-	0.0	-	-
117.0	26.0	0.0	-	0.0	-	-	5.6	-	-	0.0	-	-
119.0	33.0	-	0.0	0.0	-	-	17.4	-	-	0.0	-	-
120.0	25.0	0.0	-	0.0	-	-	3.0	-	-	0.0	-	-
120.0	30.0	0.0	-	0.0	-	-	6.1	-	-	0.0	-	-
123.5	35.6	0.0	-	0.0	-	-	0.9	-	-	0.0	-	-
130.0	25.5	0.0	-	0.0	-	-	2.5	-	-	0.0	-	-
133.0	21.0	0.0	-	0.0	-	-	-	1.8	-	0.0	-	-
137.0	22.0	0.0	-	-	0.0	-	0.0	-	-	2.6	-	-

Icichthys lockingtoni

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	50.0	-	-	2.4	-	-	0.0	-	-	-	-	-
60.0	55.0	-	-	0.0	-	-	2.3	-	-	-	-	-
60.0	60.0	0.0	-	0.0	-	-	38.9	-	-	-	-	-
60.0	70.0	0.0	-	0.0	-	-	12.4	-	-	-	-	-
60.0	90.0	0.0	-	-	-	-	20.9	-	-	-	-	-
60.0	100.0	0.0	-	-	-	-	2.9	-	-	-	-	-
63.0	51.0	1.0	-	0.0	-	0.0	-	-	-	-	-	-
63.0	52.0	0.0	-	0.0	-	1.9	-	-	-	-	-	-
63.0	60.0	2.7	-	0.0	-	5.8	-	-	-	-	-	-

TABLE 4. (cont.)

Ichthys lockingtoni (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0	50.0	0.0	-	3.1	-	0.0	-	-	-	-	-	-
67.0	55.0	0.0	-	0.0	-	14.8	-	-	-	-	-	-
67.0	60.0	10.9	-	3.3	-	13.6	-	-	-	-	-	-
67.0	65.0	-	-	15.6	-	-	-	-	-	-	-	-
67.0	70.0	-	-	3.2	-	-	-	-	-	-	-	-
70.0	53.0	0.0	-	0.0	-	2.5	-	-	-	-	-	-
70.0	60.0	2.4	-	0.0	-	0.0	-	-	-	-	-	-
70.0	70.0	6.1	-	0.0	-	19.7	-	-	-	-	-	-
70.0	80.0	0.0	-	0.0	-	36.6	-	-	-	-	-	-
73.0	50.0	0.0	-	2.0	-	0.0	-	-	-	-	-	-
73.0	60.0	5.1	-	9.3	-	2.4	-	-	-	-	-	-
73.0	70.0	-	-	6.3	-	-	-	-	-	-	-	-
76.2	63.3	1.9	-	-	-	-	-	-	-	-	-	-
76.2	66.7	2.1	-	-	-	-	-	-	-	-	-	-
76.2	70.0	0.0	-	-	-	5.7	-	-	-	-	-	-
77.0	49.0	0.0	-	1.0	-	0.0	-	-	-	-	-	-
77.0	55.0	0.0	-	2.5	-	0.0	-	-	-	-	-	-
77.0	60.0	0.0	-	2.9	-	0.0	-	-	-	-	-	-
77.0	70.0	0.0	-	6.3	-	0.0	-	-	-	-	-	-
77.0	80.0	-	-	9.3	-	-	-	-	-	-	-	-
78.5	70.0	2.8	-	-	-	0.0	-	-	-	-	-	-
79.2	60.0	0.0	-	-	-	3.5	-	-	-	-	-	-
79.2	70.0	0.0	-	-	-	3.7	-	-	-	-	-	-
79.2	75.0	-	-	-	-	4.2	-	-	-	-	-	-
80.0	51.0	0.0	-	0.0	-	2.2	-	-	0.0	-	-	-
80.0	80.0	2.8	-	0.0	-	0.0	-	-	0.0	-	-	-
81.5	60.0	0.0	-	-	-	2.5	-	-	-	-	-	-
81.5	65.0	-	-	-	-	6.4	-	-	-	-	-	-
82.2	55.0	-	-	-	-	2.7	-	-	-	-	-	-
82.2	60.0	0.0	-	-	-	3.8	-	-	-	-	-	-
82.2	65.0	-	-	-	-	4.6	-	-	-	-	-	-
83.0	60.0	0.0	-	0.0	-	3.0	0.0	-	0.0	-	-	-
83.0	65.0	-	-	3.0	-	0.0	0.0	-	0.0	-	-	-
83.0	70.0	-	-	6.2	-	-	0.0	-	0.0	-	-	-
85.0	53.0	5.3	-	-	-	2.6	-	-	-	-	-	-
85.0	55.0	-	-	-	-	17.9	-	-	-	-	-	-
85.0	60.0	-	-	-	-	5.3	-	-	-	-	-	-
85.0	65.0	0.0	-	0.0	-	-	9.6	-	0.0	-	-	-
87.0	70.0	0.0	-	3.2	-	-	0.0	-	0.0	-	-	-
87.0	80.0	0.0	-	8.3	-	-	0.0	-	0.0	-	-	-
87.0	90.0	2.9	-	0.0	-	-	0.0	-	0.0	-	-	-
90.0	32.0	2.7	-	0.0	-	-	0.0	-	0.0	-	-	-
90.0	60.0	0.0	-	0.0	-	-	2.7	-	0.0	-	-	-
90.0	65.0	2.7	-	0.0	-	-	3.0	-	0.0	-	-	-
90.0	70.0	0.0	-	0.0	-	-	3.1	-	0.0	-	-	-
90.0	80.0	0.0	-	8.3	-	-	0.0	-	0.0	-	-	-

TABLE 4. (cont.)

Icichthys lockingtoni (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0 140.0	-	2.5	-	-	-	-	0.0	-	-	-	-	-
93.0 40.0	-	0.0	-	2.9	-	-	0.0	-	-	0.0	-	-
93.0 45.0	-	0.0	-	2.9	-	-	0.0	-	-	0.0	-	-
93.0 60.0	-	0.0	-	0.0	-	-	6.8	-	-	0.0	-	-
93.0 70.0	-	9.5	-	0.0	-	-	0.0	-	-	0.0	-	-
93.0 80.0	-	3.2	-	0.0	-	-	-	-	-	0.0	-	-
93.0 90.0	-	0.0	-	2.7	-	-	-	-	-	0.0	-	-
97.0 45.0	-	0.0	-	0.0	-	-	3.1	-	-	0.0	-	-
97.0 70.0	-	0.0	-	0.0	-	-	3.2	-	-	0.0	-	-
100.0 45.0	-	0.0	-	0.0	-	-	6.0	-	-	0.0	-	-
100.0 50.0	-	0.0	-	0.0	-	-	5.0	-	-	0.0	-	-
100.0 55.0	-	0.0	-	0.0	-	-	2.1	-	-	0.0	-	-
100.0 60.0	-	0.0	-	0.0	-	-	2.6	-	-	0.0	-	-
103.0 60.0	-	0.0	-	-	-	-	3.0	-	-	0.0	-	-
107.0 40.0	-	0.0	-	3.4	-	-	0.0	-	-	0.0	-	-

Nomeidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0 200.0	-	-	-	-	-	-	2.6	-	-	-	-	-

Peprilus similimus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0 52.0	0.0	-	-	0.0	-	-	-	-	-	3.2	-	-
82.0 47.0	-	0.0	-	0.0	-	-	3.1	-	-	0.0	-	-
83.0 40.0	0.0	0.0	-	0.0	-	0.0	0.0	-	-	5.9	-	-
87.0 34.0	-	0.0	-	0.0	-	-	2.6	-	-	0.0	-	-
87.0 35.0	-	0.0	-	0.0	-	-	4.0	-	-	0.0	-	-
90.0 28.0	-	0.0	-	0.0	-	-	12.8	-	-	0.0	-	-
93.0 28.0	-	0.0	-	0.0	-	-	2.8	-	-	0.0	-	-
119.0 33.0	-	-	0.0	0.0	-	-	2.9	-	-	0.0	-	-
130.0 28.0	-	0.0	-	0.0	-	-	1.2	-	-	0.0	-	-
130.0 30.0	-	0.0	-	3.2	-	-	0.0	-	-	0.0	-	-
130.0 35.0	-	18.2	-	0.0	-	-	0.0	-	-	0.0	-	-
133.0 21.0	-	4.0	-	0.0	-	-	-	-	-	0.0	-	-
133.0 25.0	-	1.9	-	0.0	-	-	-	-	-	0.0	-	-
137.0 20.0	-	10.1	-	-	0.0	-	0.0	-	-	0.0	-	-
137.0 21.0	-	-	-	-	0.0	-	0.0	-	-	0.0	-	-
137.0 22.0	-	2.3	-	-	0.0	-	0.0	-	-	0.0	-	-
137.0 23.0	-	5.0	-	-	-	-	-	-	-	-	-	-
140.0 28.8	-	0.3	-	-	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

Tetragonurus cuvieri

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 160.0	-	-	-	-	-	-	5.6	-	-	-	-	-
60.0 190.0	-	-	-	-	-	-	2.5	-	-	-	-	-
77.8 70.0	2.7	-	-	-	-	0.0	-	-	-	18.4	-	-
80.0 90.0	0.0	-	-	-	-	0.0	-	-	-	8.9	-	-
83.0 90.0	-	0.0	-	-	-	-	0.0	-	-	3.0	-	-
87.0 60.0	-	0.0	0.0	0.0	-	-	0.0	-	-	9.5	-	-
87.0 80.0	-	0.0	0.0	0.0	-	-	0.0	-	-	3.0	-	-
87.0 90.0	-	0.0	0.0	0.0	-	-	0.0	-	-	11.5	-	-
90.0 80.0	-	0.0	-	-	-	-	9.0	-	-	2.9	-	-
90.0 100.0	-	0.0	-	2.9	-	-	3.0	-	-	-	-	-
90.0 120.0	-	0.0	-	-	-	-	-	-	-	3.1	-	-
93.0 90.0	-	0.0	-	0.0	-	-	-	-	-	11.3	-	-
93.0 100.0	-	0.0	-	0.0	-	-	0.0	-	-	0.0	-	-
97.0 40.0	-	3.2	-	0.0	-	-	0.0	-	-	12.3	-	-
97.0 70.0	-	0.0	0.0	0.0	-	-	0.0	-	-	20.3	-	-
100.0 80.0	-	0.0	0.0	0.0	-	-	0.0	-	-	9.4	-	-
100.0 70.0	-	0.0	0.0	0.0	-	-	0.0	-	-	9.6	-	-
100.0 80.0	-	0.0	0.0	0.0	-	-	0.0	-	-	17.7	-	-
100.0 90.0	-	0.0	0.0	0.0	-	-	0.0	-	-	3.1	-	-
103.0 55.0	-	0.0	0.0	0.0	-	-	0.0	-	-	6.4	-	-
103.0 60.0	-	0.0	0.0	0.0	-	-	0.0	-	-	12.8	-	-
103.0 65.0	-	0.0	0.0	0.0	-	-	0.0	-	-	3.2	-	-
103.0 80.0	-	0.0	0.0	0.0	-	-	0.0	-	-	2.9	-	-
107.0 55.0	-	0.0	0.0	0.0	-	-	0.0	-	-	5.8	-	-
107.0 60.0	-	0.0	0.0	0.0	-	-	0.0	-	-	3.0	-	-
107.0 70.0	-	0.0	0.0	0.0	-	-	2.8	-	-	6.2	-	-
107.0 80.0	-	0.0	0.0	0.0	-	-	3.0	-	-	0.0	-	-
107.0 90.0	-	0.0	0.0	0.0	-	-	2.5	-	-	0.0	-	-
110.0 50.0	-	0.0	0.0	0.0	-	-	0.0	-	-	3.1	-	-
110.0 55.0	-	0.0	0.0	0.0	-	-	0.0	-	-	3.0	-	-
110.0 65.0	-	0.0	0.0	0.0	-	-	0.0	-	-	3.1	-	-
110.0 70.0	-	0.0	0.0	3.0	-	-	0.0	-	-	0.0	-	-
110.0 90.0	-	0.0	0.0	0.0	-	-	2.6	-	-	2.8	-	-
113.0 40.0	-	0.0	0.0	0.0	-	-	0.0	-	-	5.8	-	-
113.0 80.0	-	0.0	0.0	0.0	-	-	0.0	-	-	1.8	-	-
117.0 25.0	-	0.0	0.0	0.0	-	-	0.0	-	-	2.9	-	-
117.0 55.0	-	0.0	0.0	0.0	-	-	0.0	-	-	25.1	-	-
117.0 70.0	-	0.0	0.0	0.0	-	-	0.0	-	-	2.9	-	-
120.0 55.0	-	0.0	0.0	0.0	-	-	0.0	-	-	2.8	-	-
120.0 60.0	-	0.0	0.0	0.0	-	-	0.0	-	-	3.0	-	-
120.0 65.0	-	0.0	0.0	0.0	-	-	0.0	-	-	-	-	-
130.0 45.0	-	0.0	0.0	0.0	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Chiasmodontidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0 100.0	-	2.6	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0 60.0	-	0.0	-	3.3	-	-	0.0	-	-	0.0	-	-
110.0 60.0	-	2.9	-	0.0	-	-	0.0	-	-	0.0	-	-
113.0 65.0	-	0.0	-	3.3	-	-	-	-	-	0.0	-	-
113.0 70.0	-	0.0	-	3.2	-	-	0.0	-	-	0.0	-	-
113.0 80.0	-	6.0	-	0.0	-	-	0.0	-	-	0.0	-	-
113.0 90.0	-	0.0	-	3.3	-	-	0.0	-	-	0.0	-	-
117.0 55.0	-	0.0	-	3.2	-	-	0.0	-	-	0.0	-	-
117.0 60.0	-	8.7	-	0.0	-	-	0.0	-	-	0.0	-	-
127.0 65.0	-	0.0	-	6.2	-	-	0.0	0.0	-	0.0	-	-
130.0 55.0	-	2.8	-	0.0	-	-	0.0	-	-	0.0	-	-
130.0 60.0	-	0.0	-	6.8	-	-	0.0	-	-	0.0	-	-
130.0 80.0	-	0.0	-	-	-	-	2.6	-	-	-	-	-

Pleuronectiformes

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0 55.0	0.0	0.0	-	0.0	-	0.0	3.0	-	-	0.0	-	-
97.0 28.6	-	1.9	-	-	-	-	20.1	-	-	-	-	-
130.0 28.0	-	0.0	-	0.0	-	-	-	0.3	-	0.0	-	-
133.0 19.5	-	0.0	-	0.0	-	-	-	8.8	-	0.0	-	-
133.0 21.0	-	0.0	-	-	0.0	-	2.2	-	-	0.0	-	-
137.0 21.0	-	0.0	-	-	0.0	-	-	-	-	0.0	-	-
137.0 23.0	-	0.0	-	-	0.0	-	-	-	-	0.0	-	-

Citharichthys spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 51.0	0.0	-	-	2.8	-	-	0.0	-	-	-	-	-
63.0 50.0	5.2	-	-	0.0	-	-	-	-	-	-	-	-
63.0 52.0	0.0	-	-	3.2	-	0.0	-	-	-	-	-	-
63.0 55.0	0.0	-	-	3.0	-	0.0	-	-	-	-	-	-
63.0 60.0	2.7	-	-	7.2	-	0.0	-	-	-	-	-	-
67.0 55.0	2.8	-	-	0.0	-	0.0	-	-	-	-	-	-
67.0 60.0	2.7	-	-	0.0	-	0.0	-	-	-	-	-	-
70.0 50.0	2.7	-	-	0.0	-	0.0	-	-	-	-	-	-
70.0 51.0	5.6	-	-	0.0	-	0.0	-	-	-	-	-	-
70.0 53.0	2.7	-	-	0.0	-	0.0	-	-	-	-	-	-
73.0 50.0	14.8	-	-	0.0	-	0.0	-	-	-	-	-	-
73.0 51.0	5.4	-	-	0.0	-	0.0	-	-	-	-	-	-
73.0 53.0	16.9	-	-	0.0	-	0.0	-	-	-	-	-	-
73.0 60.0	10.2	-	-	3.1	-	0.0	-	-	-	-	-	-
76.2 49.8	4.4	-	-	-	-	-	-	-	-	-	-	-
76.2 52.2	5.8	-	-	-	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

Citharichthys spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
76.2	54.6	2.2	-	-	-	-	-	-	-	-	-	-
76.2	70.0	5.4	-	-	-	0.0	-	-	-	-	-	-
77.0	49.0	1.1	-	0.0	-	0.0	-	-	-	-	-	-
77.0	60.0	0.0	-	2.9	-	0.0	-	-	-	-	-	-
77.0	66.7	2.0	-	-	-	-	-	-	-	-	-	-
77.8	54.0	8.5	-	-	-	-	-	-	-	-	-	-
77.8	57.0	5.7	-	-	-	2.9	-	-	-	-	-	-
77.8	70.0	2.7	-	-	-	0.0	-	-	-	-	-	-
78.5	60.0	2.8	-	-	-	0.0	-	-	-	-	-	-
78.5	63.3	5.8	-	-	-	-	-	-	-	-	-	-
78.5	70.0	2.8	-	-	-	0.0	-	-	-	-	-	-
78.5	74.0	2.7	-	-	-	-	-	-	-	-	-	-
79.2	54.4	3.2	-	-	-	0.0	-	-	-	-	-	-
79.2	70.0	2.9	-	-	-	0.0	-	-	-	0.0	-	-
80.0	51.0	3.0	-	0.0	-	0.0	-	-	-	0.0	-	-
80.0	52.0	10.6	-	0.0	-	-	-	-	-	-	-	-
80.0	53.0	5.9	-	-	-	0.0	-	-	-	-	-	-
80.0	57.6	2.6	-	-	-	-	-	-	-	0.0	-	-
80.0	70.0	0.0	-	2.9	-	0.0	-	-	-	0.0	-	-
80.0	75.0	-	-	-	-	3.6	-	-	-	0.0	-	-
80.0	80.0	2.8	-	0.0	-	0.0	-	-	-	0.0	-	-
80.0	90.0	8.3	-	0.0	-	0.0	-	-	-	0.0	-	-
80.8	51.0	2.8	-	-	-	-	-	-	-	-	-	-
80.8	60.0	0.0	-	-	-	2.6	-	-	-	-	-	-
82.0	47.0	20.1	-	6.6	-	-	0.0	-	-	0.0	-	-
82.2	47.0	-	-	-	-	-	-	-	-	-	-	-
82.2	54.3	2.9	-	-	-	-	-	-	-	-	-	-
82.2	57.2	3.1	-	-	-	-	-	-	-	-	-	-
83.0	39.0	0.0	0.0	0.0	-	0.0	0.0	-	-	1.2	-	-
83.0	40.0	0.0	0.0	0.0	-	0.5	0.0	-	-	4.4	-	-
83.0	43.0	0.0	0.0	6.6	-	-	0.0	-	-	0.0	-	-
83.0	55.0	2.7	0.0	0.0	-	0.0	3.0	-	-	3.3	-	-
83.0	65.0	-	2.9	3.0	-	0.0	0.0	-	-	3.1	-	-
87.0	32.5	-	0.0	0.4	-	-	0.0	-	-	0.0	-	-
87.0	33.0	8.7	0.0	21.1	-	-	0.0	-	-	0.0	-	-
87.0	34.0	2.7	0.0	0.0	-	-	0.0	-	-	6.0	-	-
87.0	35.0	0.0	0.0	2.8	-	-	0.0	-	-	0.0	-	-
87.0	40.0	2.7	0.0	0.0	-	-	0.0	-	-	2.9	-	-
87.0	45.0	4.7	0.0	0.0	-	-	0.0	-	-	6.5	-	-
87.0	50.0	-	0.0	0.0	-	-	0.0	-	-	18.2	-	-
90.0	28.0	2.7	-	0.0	-	-	7.7	-	-	0.0	-	-
90.0	45.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
93.0	28.0	6.8	-	0.0	-	-	0.0	-	-	0.0	-	-
93.0	30.0	6.1	-	5.6	-	-	0.0	-	-	0.0	-	-
93.0	45.0	0.0	-	2.9	-	-	0.0	-	-	0.0	-	-
93.0	50.0	0.0	-	5.4	-	-	0.0	-	-	0.0	-	-

TABLE 4. (cont.)

Citharichthys spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	29.0	2.4	-	0.5	-	-	0.0	-	-	0.0	-	-
97.0	30.0	0.0	-	1.6	-	-	0.0	-	-	0.0	-	-
97.0	35.0	0.0	-	0.0	-	-	0.0	-	-	5.9	-	-
97.0	40.0	3.2	-	0.0	-	-	3.1	-	-	0.0	-	-
97.0	45.0	0.0	-	0.0	-	-	3.1	-	-	0.0	-	-
97.0	90.0	8.9	-	0.0	-	-	-	-	-	0.0	-	-
100.0	35.0	0.0	-	0.0	-	-	3.9	-	-	0.0	-	-
100.0	40.0	0.0	-	3.1	-	-	0.0	-	-	0.0	-	-
100.0	50.0	6.7	-	0.0	-	-	0.0	-	-	0.0	-	-
103.0	30.0	0.0	-	3.1	-	-	0.0	-	-	0.0	-	-
103.0	55.0	3.1	-	0.0	-	-	0.0	-	-	0.0	-	-
103.0	65.0	3.1	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0	31.0	0.0	-	0.0	-	-	0.7	-	-	1.9	-	-
107.0	32.0	0.0	-	3.2	-	-	0.0	-	-	0.0	-	-
110.0	55.0	0.0	-	0.0	-	-	0.0	-	-	3.1	-	-
110.0	60.0	0.0	-	0.0	-	-	6.3	-	-	0.0	-	-
113.0	30.0	2.4	-	0.0	-	-	0.0	-	-	28.7	-	-
113.0	35.0	0.0	-	0.0	-	-	3.2	-	-	125.4	-	-
115.0	35.0	3.0	-	0.0	-	-	-	-	-	0.0	-	-
117.0	24.8	-	36.0	-	-	-	2.9	-	-	-	-	-
117.0	25.0	1.8	-	0.0	-	-	0.0	-	-	0.0	-	-
117.0	25.0	19.3	-	0.0	-	-	2.8	-	-	5.5	-	-
117.0	26.0	100.0	-	0.0	-	-	84.6	-	-	26.5	-	-
117.0	30.0	0.0	-	0.0	-	-	0.0	-	-	51.9	-	-
117.0	35.0	0.0	-	0.0	-	-	0.0	-	-	28.5	-	-
117.0	40.0	0.0	-	3.0	-	-	0.0	-	-	9.6	-	-
117.0	45.0	0.0	-	0.0	-	-	0.0	-	-	33.5	-	-
117.0	55.0	0.0	-	0.0	-	-	0.0	-	-	0.0	-	-
118.0	39.0	81.5	-	14.9	-	-	15.1	-	-	25.0	-	-
119.0	33.0	-	12.8	67.0	-	-	84.1	-	-	27.5	-	-
120.0	22.5	0.0	-	0.0	-	-	0.5	-	-	0.0	-	-
120.0	23.0	1.9	-	0.0	-	-	7.8	-	-	0.0	-	-
120.0	24.0	37.0	-	0.0	-	-	41.3	-	-	0.0	-	-
120.0	25.0	2.6	-	0.0	-	-	77.5	-	-	0.0	-	-
120.0	30.0	384.0	-	0.0	-	-	21.2	-	-	47.9	-	-
120.0	35.0	96.5	-	0.0	-	-	83.0	-	-	11.4	-	-
120.0	40.0	13.1	-	0.0	-	-	35.7	-	-	6.2	-	-
120.0	45.0	8.7	-	15.4	-	-	2.9	-	-	25.5	-	-
120.0	50.0	0.0	-	9.8	-	-	0.0	-	-	5.8	-	-
120.0	55.0	2.9	-	15.7	-	-	0.0	-	-	0.0	-	-
120.0	60.0	9.1	-	0.0	-	-	0.0	-	-	0.0	-	-
120.0	65.0	27.8	-	0.0	-	-	0.0	-	-	0.0	-	-
120.0	70.0	2.7	-	2.1	-	-	0.0	-	-	0.0	-	-
123.0	36.0	1.6	-	2.6	-	-	11.2	-	-	1.1	-	-
123.0	37.0	10.9	-	5.8	-	-	22.7	-	-	0.0	-	-
123.0	42.0	5.9	-	3.3	-	-	40.2	-	-	0.0	-	-

TABLE 4. (cont.)

Citharichthys spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
123.0	45.0	9.5	-	0.0	-	-	28.6	-	-	3.0	-	-
123.0	55.0	20.9	-	0.0	-	-	0.0	-	-	0.0	-	-
123.0	60.0	6.1	-	0.0	-	-	0.0	-	-	0.0	-	-
123.0	65.0	3.4	-	0.0	-	-	0.0	-	-	0.0	-	-
123.0	80.0	2.9	-	0.0	-	-	0.0	-	-	-	-	-
123.5	35.6	0.5	-	4.0	-	-	0.6	-	-	0.0	-	-
127.0	32.6	5.4	-	0.0	-	-	-	0.3	-	0.5	-	-
127.0	33.0	13.1	-	0.0	-	-	-	0.0	-	25.0	-	-
127.0	34.0	6.6	-	0.0	-	-	-	5.0	-	88.6	-	-
127.0	40.0	2.8	-	16.1	-	-	-	0.0	-	0.0	-	-
127.0	45.0	47.5	-	3.2	-	-	-	0.0	-	6.4	-	-
127.0	50.0	36.8	-	0.0	-	-	-	0.0	-	0.0	-	-
127.0	55.0	8.5	-	0.0	-	-	-	27.8	-	0.0	-	-
130.0	26.0	0.8	-	0.0	-	-	-	-	-	0.0	-	-
130.0	28.0	6.1	-	0.0	-	-	0.0	-	-	13.8	-	-
130.0	30.0	10.5	-	3.2	-	-	2.6	-	-	17.0	-	-
130.0	35.0	410.4	-	0.0	-	-	0.0	-	-	12.0	-	-
130.0	40.0	100.4	-	0.0	-	-	0.0	-	-	3.0	-	-
130.0	45.0	37.8	-	0.0	-	-	0.0	-	-	0.0	-	-
130.0	50.0	0.0	-	3.4	-	-	0.0	-	-	0.0	-	-
133.0	19.5	0.3	-	0.0	-	-	-	0.6	-	0.0	-	-
133.0	21.0	32.3	-	0.0	-	-	-	58.1	-	97.7	-	-
133.0	23.0	26.2	-	0.0	-	-	-	2.0	-	81.3	-	-
133.0	25.0	15.0	-	0.0	-	-	-	0.0	-	10.5	-	-
133.0	30.0	2.9	-	0.0	-	-	-	3.0	-	0.0	-	-
133.0	35.0	17.8	-	0.0	-	-	-	9.6	-	12.9	-	-
133.0	40.0	19.7	-	0.0	-	-	-	3.1	-	0.0	-	-
133.0	45.0	0.0	-	0.0	-	-	-	0.0	-	16.1	-	-
133.0	50.0	0.0	-	0.0	-	-	-	0.0	-	6.0	-	-
137.0	20.0	1.2	-	0.0	-	-	5.4	-	-	4.8	-	-
137.0	21.0	17.3	-	0.0	-	-	127.7	-	-	154.1	-	-
137.0	22.0	1.6	-	0.0	-	-	20.0	-	-	203.6	-	-
137.0	23.0	5.0	-	0.0	-	-	4.3	-	-	90.6	-	-
137.0	30.0	4.7	-	0.0	-	-	-	-	-	3.0	-	-
137.0	35.0	0.0	-	3.1	-	-	2.7	-	-	6.1	-	-
137.0	45.0	0.0	-	0.0	-	-	0.0	-	-	2.8	-	-
137.0	50.0	0.0	-	0.0	-	-	2.7	-	-	0.0	-	-
140.0	28.8	1.3	-	0.0	-	-	-	-	-	-	-	-
140.0	30.0	4.1	-	-	-	-	0.0	-	-	-	-	-

Citharichthys stigmæus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	60.0	0.0	-	0.0	-	-	2.8	-	-	-	-	-
70.0	60.0	2.4	-	0.0	-	0.0	-	-	-	-	-	-

TABLE 4. (cont.)

Citharichthys stigmatæus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0	90.0	2.6	-	-	-	0.0	-	-	-	-	-	-
73.0	50.0	0.0	-	2.0	-	0.0	-	-	-	-	-	-
76.2	52.2	1.9	-	-	-	2.7	-	-	-	-	-	-
76.2	60.0	0.0	-	2.5	-	0.0	-	-	-	-	-	-
77.0	55.0	0.0	-	2.9	-	0.0	-	-	-	-	-	-
77.0	60.0	0.0	-	-	-	-	-	-	-	-	-	-
77.0	66.7	2.0	-	-	-	-	-	-	-	-	-	-
78.5	57.2	2.8	-	-	-	0.0	-	-	-	-	-	-
78.5	60.0	2.7	-	-	-	-	-	-	-	-	-	-
78.5	74.0	2.9	-	-	-	3.7	-	-	-	-	-	-
79.2	63.3	0.0	-	-	-	0.0	-	-	-	-	-	-
79.2	70.0	0.0	-	-	-	0.0	-	-	-	-	-	-
79.2	74.0	3.0	-	0.0	-	0.0	-	-	-	6.3	-	-
80.0	55.0	5.5	-	0.0	-	0.0	-	-	-	3.2	-	-
80.0	60.0	0.0	-	0.0	-	0.0	-	-	-	5.9	-	-
80.0	65.0	-	-	0.0	-	-	-	-	-	8.5	-	-
80.0	66.7	3.1	-	-	-	0.0	-	-	-	-	-	-
80.0	70.0	0.0	-	0.0	-	-	-	-	-	-	-	-
80.0	74.0	5.2	-	3.0	-	0.0	-	-	-	0.0	-	-
80.0	80.0	0.0	-	-	-	-	-	-	-	-	-	-
80.8	57.0	2.6	-	-	-	-	-	-	-	-	-	-
80.8	63.3	9.5	-	-	-	-	-	-	-	-	-	-
80.8	66.7	6.0	-	-	-	-	-	-	-	-	-	-
81.5	46.1	3.3	-	-	-	-	-	-	-	-	-	-
81.5	50.4	39.5	-	-	-	-	-	-	-	-	-	-
81.5	66.7	3.0	-	-	-	-	-	-	-	-	-	-
82.2	57.2	3.1	-	-	-	-	-	-	-	-	-	-
82.2	63.3	2.8	-	-	-	-	-	-	-	-	-	-
82.2	66.7	13.5	-	-	-	-	-	-	-	-	-	-
83.0	43.0	0.0	-	3.3	-	-	3.1	-	-	26.6	-	-
83.0	51.0	0.0	-	0.0	-	0.0	0.0	-	-	2.8	-	-
83.0	55.0	2.7	-	0.0	-	3.1	0.0	-	-	3.3	-	-
83.0	60.0	0.0	-	0.0	-	0.0	0.0	-	-	0.0	-	-
83.0	65.0	2.9	-	0.0	-	0.0	0.0	-	-	0.0	-	-
83.0	70.0	2.7	-	0.0	-	-	0.0	-	-	0.0	-	-
83.0	90.0	2.7	-	-	-	3.8	0.0	-	-	0.0	-	-
85.0	39.0	-	-	-	-	5.2	-	-	-	-	-	-
85.0	53.0	-	-	-	-	2.6	-	-	-	-	-	-
85.0	55.0	-	-	-	-	-	-	-	-	36.3	-	-
87.0	35.0	0.0	-	5.6	-	-	0.0	-	-	3.3	-	-
87.0	45.0	0.0	-	5.9	-	-	0.0	-	-	0.0	-	-
90.0	32.0	0.0	-	0.0	-	-	2.6	-	-	0.0	-	-
90.0	53.0	2.7	-	0.0	-	-	0.9	-	-	0.0	-	-
93.0	26.5	0.0	-	0.0	-	-	0.0	-	-	0.0	-	-
93.0	35.0	0.0	-	13.6	-	-	0.0	-	-	6.1	-	-
93.0	45.0	0.0	-	0.0	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Citharichthys stigmæus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	50.0	0.0	—	5.4	—	—	0.0	—	—	0.0	—	—
93.0	55.0	3.4	—	0.0	—	—	0.0	—	—	0.0	—	—
93.0	60.0	0.0	—	0.0	—	—	3.4	—	—	0.0	—	—
93.0	90.0	0.0	—	0.0	—	—	—	—	—	3.1	—	—
97.0	29.0	0.0	—	0.0	—	—	0.6	—	—	0.0	—	—
97.0	40.0	0.0	—	0.0	—	—	6.1	—	—	0.0	—	—
97.0	45.0	3.1	—	0.0	—	—	0.0	—	—	0.0	—	—
100.0	55.0	0.0	—	0.0	—	—	0.0	—	—	3.0	—	—
100.0	90.0	0.0	—	2.9	—	—	0.0	—	—	0.0	—	—
103.0	40.0	0.0	—	6.2	—	—	0.0	—	—	0.0	—	—
110.0	35.0	0.0	—	3.3	—	—	3.3	—	—	0.0	—	—
110.0	40.0	0.0	—	3.3	—	—	0.0	—	—	0.0	—	—
113.0	35.0	0.0	—	0.0	—	—	3.2	—	—	0.0	—	—
113.0	70.0	0.0	—	0.0	—	—	0.0	—	—	2.8	—	—
120.0	30.0	0.0	—	0.0	—	—	0.0	—	—	5.6	—	—

Hippoglossina stomata

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
82.0	47.0	0.0	—	0.0	—	—	3.1	—	—	0.0	—	—
83.0	39.0	0.0	—	0.0	—	0.0	0.0	—	—	1.2	—	—
83.0	40.0	0.0	—	0.0	—	0.0	0.0	—	—	8.9	—	—
83.0	43.0	0.0	—	0.0	—	—	—	—	—	3.3	—	—
87.0	34.0	0.0	—	0.0	—	—	2.6	—	—	0.0	—	—
87.0	35.0	0.0	—	0.0	—	—	0.0	—	—	3.3	—	—
103.0	28.5	0.0	—	0.0	—	—	0.3	—	—	0.0	—	—
113.0	28.5	0.0	—	0.0	—	—	0.3	—	—	0.0	—	—
113.0	30.0	0.0	—	0.0	—	—	0.0	—	—	2.6	—	—
113.0	35.0	0.0	—	0.0	—	—	0.0	—	—	3.3	—	—
117.0	26.0	0.0	—	0.0	—	—	8.5	—	—	0.0	—	—
118.0	39.0	6.0	—	0.0	—	—	3.0	—	—	0.0	—	—
119.0	33.0	—	0.0	0.0	—	—	0.0	—	—	6.1	—	—
120.0	23.0	0.7	0.0	0.0	—	—	0.5	—	—	0.0	—	—
120.0	25.0	0.0	—	2.5	—	—	0.0	—	—	0.0	—	—
120.0	30.0	0.0	—	0.0	—	—	6.1	—	—	11.3	—	—
120.0	35.0	1.9	—	0.0	—	—	0.0	—	—	0.0	—	—
120.0	40.0	0.0	—	0.0	—	—	3.4	—	—	0.0	—	—
123.0	36.0	0.0	—	0.0	—	—	2.8	—	—	0.0	—	—
123.0	37.0	0.0	—	2.9	—	—	0.0	—	—	0.0	—	—
123.0	42.0	0.0	—	0.0	—	—	3.3	—	—	0.0	—	—
127.0	45.0	0.0	—	0.0	—	—	—	0.0	—	3.2	—	—
127.0	55.0	0.0	—	0.0	—	—	—	0.0	—	0.0	—	—
130.0	28.0	0.0	—	0.0	—	—	0.0	0.0	—	1.7	—	—
130.0	30.0	0.0	—	0.0	—	—	0.0	3.1	—	2.1	—	—
130.0	35.0	3.0	—	0.0	—	—	0.0	—	—	0.0	—	—

TABLE 4. (cont.)

Hippoglossina stomata (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
130.0	45.0	3.2	-	0.0	-	-	0.0	-	-	0.0	-	-
133.0	21.0	1.0	-	0.0	-	-	-	0.9	-	0.0	-	-
133.0	23.0	1.6	-	0.0	-	-	-	0.0	-	0.0	-	-
133.0	25.0	1.9	-	0.0	-	-	-	0.0	-	0.0	-	-
133.0	30.0	2.9	-	0.0	-	-	-	0.0	-	0.0	-	-
137.0	21.0	0.0	-	0.0	-	-	1.1	-	-	1.1	-	-
137.0	22.0	0.0	-	-	-	-	3.1	-	-	23.5	-	-
137.0	23.0	0.0	-	-	-	-	2.2	-	-	2.6	-	-
137.0	35.0	2.4	-	-	0.0	-	0.0	-	-	0.0	-	-

Paralichthys californicus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	51.0	-	-	0.0	-	0.0	-	-	-	-	-	-
67.0	47.3	0.2	-	0.0	-	0.0	-	-	-	-	-	-
67.0	48.0	0.5	-	0.0	-	-	-	-	-	-	-	-
73.0	49.4	0.8	-	0.0	-	0.0	-	-	-	-	-	-
73.0	51.0	2.7	-	0.0	-	-	-	-	-	-	-	-
76.2	49.8	8.8	-	-	-	-	-	-	-	-	-	-
77.0	48.0	-	-	-	-	0.0	-	-	-	-	-	-
77.0	49.0	1.1	-	0.0	-	0.0	-	-	-	-	-	-
79.2	57.3	3.0	-	-	-	-	-	-	-	-	-	-
80.0	50.2	0.0	-	-	-	0.0	-	-	-	0.8	-	-
80.0	52.0	5.3	-	0.0	-	-	-	-	-	0.0	-	-
81.5	50.4	-	-	-	-	-	-	-	-	-	-	-
82.0	47.0	13.4	-	0.0	-	-	0.0	-	-	0.0	-	-
83.0	39.0	2.3	-	0.0	-	0.4	0.0	-	-	2.5	-	-
83.0	40.0	0.0	-	0.0	-	0.5	0.0	-	-	19.2	-	-
83.0	70.0	0.0	-	0.0	-	-	3.4	-	-	0.0	-	-
83.4	41.0	-	-	-	-	3.3	-	-	-	-	-	-
87.0	32.5	0.6	-	0.4	-	-	0.5	-	-	0.0	-	-
87.0	33.0	1.7	-	0.0	-	-	0.0	-	-	0.0	-	-
90.0	27.5	1.0	-	0.6	-	-	9.4	-	-	0.0	-	-
93.0	26.5	0.0	-	0.8	-	-	0.0	-	-	3.8	-	-
93.0	28.0	0.0	-	2.8	-	-	0.0	-	-	0.0	-	-
97.0	28.6	3.5	-	-	-	-	-	-	-	-	-	-
97.0	29.0	8.7	-	0.0	-	-	0.0	-	-	0.0	-	-
97.0	30.0	2.7	-	0.0	-	-	0.0	-	-	0.0	-	-
100.0	29.0	4.6	-	0.0	-	-	0.0	-	-	0.0	-	-
100.0	35.0	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
103.0	28.5	2.7	-	0.0	-	-	0.0	-	-	0.0	-	-
103.0	29.0	24.0	-	1.6	-	-	0.0	-	-	0.0	-	-
103.0	30.0	-	-	6.1	-	-	0.0	-	-	0.0	-	-
107.0	30.0	51.6	-	0.0	-	-	0.0	-	-	0.5	-	-
107.0	31.0	21.6	-	0.0	-	-	0.0	-	-	0.0	-	-

TABLE 4. (cont.)

Paralichthys californicus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
110.0	32.0	-	-	16.3	-	-	2.2	-	-	0.0	-	-
110.0	35.0	76.5	-	0.0	-	-	0.0	-	-	0.0	-	-
113.0	28.5	161.8	-	0.0	-	-	0.0	-	-	0.0	-	-
113.0	29.0	1.7	-	0.0	-	-	0.0	-	-	0.0	-	-
113.0	30.0	5.9	-	0.0	-	-	0.0	-	-	0.0	-	-
115.0	35.0	23.2	-	0.0	-	-	0.0	-	-	-	-	-
115.0	35.0	-	2.6	-	-	-	0.0	-	-	-	-	-
117.0	24.8	0.3	-	0.0	-	-	0.3	-	-	0.0	-	-
117.0	25.0	0.8	-	0.0	-	-	0.0	-	-	0.0	-	-
117.0	26.0	3.6	-	0.0	-	-	11.3	-	-	0.0	-	-
117.0	30.0	0.0	-	0.0	-	-	2.9	-	-	0.0	-	-
118.0	39.0	0.0	-	0.0	-	-	6.1	-	-	0.0	-	-
118.0	39.0	0.0	-	0.0	-	-	2.9	-	-	0.0	-	-
119.0	33.0	-	0.0	0.0	-	-	0.2	-	-	0.0	-	-
120.0	22.5	0.5	-	2.4	-	-	6.4	-	-	0.6	-	-
120.0	23.0	1.9	-	128.0	-	-	16.3	-	-	0.0	-	-
120.0	24.0	5.8	-	2.7	-	-	20.9	-	-	0.0	-	-
120.0	25.0	0.0	-	5.0	-	-	3.0	-	-	0.0	-	-
120.0	30.0	12.0	-	3.0	-	-	0.0	-	-	0.0	-	-
120.0	35.0	3.9	-	0.0	-	-	0.0	-	-	0.0	-	-
120.0	40.0	1.5	-	0.0	-	-	0.0	-	-	0.0	-	-
123.5	35.6	0.3	-	6.1	-	-	0.0	-	-	0.0	-	-
127.0	32.6	0.0	-	1.5	-	-	-	0.0	-	0.0	-	-
127.0	33.0	0.0	-	0.0	-	-	-	0.0	-	0.0	-	-
130.0	25.5	0.0	-	0.0	-	-	23.2	-	-	0.0	-	-
130.0	26.0	4.2	-	0.0	-	-	-	-	-	0.0	-	-
130.0	28.0	0.0	-	0.0	-	-	30.7	-	-	0.0	-	-
130.0	35.0	9.1	-	0.0	-	-	0.0	-	-	0.0	-	-
130.0	40.0	2.9	-	0.0	-	-	0.0	-	-	0.0	-	-
133.0	19.5	1.7	-	0.0	-	-	-	2.3	-	0.0	-	-
133.0	21.0	0.0	-	0.0	-	-	-	3.5	-	0.0	-	-
133.0	23.0	0.0	-	0.0	-	-	-	4.1	-	0.0	-	-
137.0	20.0	1.7	-	0.0	-	-	0.7	-	-	0.0	-	-
137.0	21.0	7.2	-	0.0	-	-	0.0	-	-	0.0	-	-
137.0	22.0	4.7	-	0.0	-	-	0.0	-	-	0.0	-	-
137.0	23.0	5.0	-	0.0	-	-	0.0	-	-	0.0	-	-

Xystreureys liolepis

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	40.0	0.0	-	0.0	-	-	0.0	-	-	3.0	-	-
93.0	27.0	0.0	-	1.4	-	0.0	0.0	-	-	0.0	-	-
117.0	25.0	0.0	-	0.0	-	-	2.8	-	-	0.0	-	-
117.0	26.0	0.0	-	0.0	-	-	5.6	-	-	0.0	-	-
120.0	23.0	0.0	-	0.0	-	-	2.8	-	-	0.0	-	-
120.0	24.0	0.0	-	0.0	-	-	8.6	-	-	0.0	-	-
120.0	30.0	1.5	-	0.0	-	-	0.0	-	-	0.0	-	-

TABLE 4. (cont.)

Xystreureys liolepis (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	35.0	—	—	0.0	—	—	0.0	—	—	0.0	—	—
120.0	40.0	1.9	—	0.0	—	—	1.7	—	—	0.0	—	—
123.0	42.0	0.0	—	0.0	—	—	3.3	—	—	0.0	—	—
127.0	32.6	0.0	—	0.0	—	—	—	0.0	—	2.1	—	—
127.0	33.0	0.0	—	0.0	—	—	—	0.0	—	5.6	—	—
130.0	28.0	0.9	—	0.0	—	—	0.0	—	—	0.0	—	—
130.0	35.0	3.0	—	0.0	—	—	0.0	—	—	0.0	—	—
133.0	21.0	0.0	—	0.0	—	—	—	30.8	—	0.0	—	—
137.0	21.0	3.8	—	—	0.0	—	6.7	—	—	0.0	—	—
137.0	22.0	0.0	—	—	0.0	—	0.0	—	—	10.4	—	—

Glyptocephalus zachirus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	60.0	—	—	0.0	—	—	2.8	—	—	—	—	—
67.0	49.0	—	—	0.0	—	5.1	—	—	—	—	—	—
67.0	50.0	—	—	6.3	—	1.9	—	—	—	—	—	—
67.0	55.0	0.0	—	7.2	—	0.0	—	—	—	—	—	—
67.0	60.0	0.0	—	3.3	—	2.7	—	—	—	—	—	—
67.0	65.0	—	—	3.9	—	—	—	—	—	—	—	—
67.0	70.0	—	—	9.7	—	—	—	—	—	—	—	—
67.0	51.0	—	—	7.7	—	0.0	—	—	—	—	—	—
70.0	52.0	—	—	3.0	—	0.0	—	—	—	—	—	—
70.0	53.0	—	—	3.0	—	0.0	—	—	—	—	—	—
70.0	80.0	—	—	0.0	—	3.0	—	—	—	—	—	—
73.0	50.0	—	—	0.0	—	2.1	—	—	—	—	—	—
73.0	51.0	—	—	3.5	—	0.0	—	—	—	—	—	—
73.0	70.0	—	—	3.1	—	—	—	—	—	—	—	—
78.5	55.0	—	—	—	—	3.0	—	—	—	—	—	—
87.0	35.0	0.0	—	0.0	—	—	2.0	—	—	0.0	—	—

Hypopsetta guttulata

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	39.0	—	—	0.0	—	0.0	0.0	—	—	3.1	—	—
93.0	27.0	—	—	1.4	—	—	0.0	—	—	0.0	—	—
107.0	30.0	—	—	0.0	—	—	0.0	—	—	0.5	—	—
113.0	28.5	—	—	0.0	—	—	0.0	—	—	0.0	—	—
123.5	35.6	—	—	2.0	—	—	0.0	—	—	0.0	—	—

TABLE 4. (cont.)

Lepidopsetta bilineata

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0 50.0	-	-	-	5.7	-	-	0.0	-	-	0.0	-	-

Lyopsetta exilis

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 52.0	0.0	-	-	5.6	-	-	0.0	-	-	-	-	-
60.0 55.0	0.0	-	-	5.7	-	-	2.3	-	-	-	-	-
60.0 60.0	-	0.0	-	6.0	-	-	2.8	-	-	-	-	-
60.0 65.0	-	-	-	14.3	-	-	-	-	-	-	-	-
60.0 70.0	-	0.0	-	3.0	-	-	0.0	-	-	-	-	-
60.0 80.0	-	0.0	-	0.0	-	-	3.0	-	-	-	-	-
63.0 50.0	1.7	-	-	0.0	-	-	-	-	-	-	-	-
63.0 55.0	0.0	-	-	12.9	-	-	-	-	-	-	-	-
63.0 60.0	0.0	-	-	11.9	-	0.0	-	-	-	-	-	-
63.0 65.0	-	-	-	11.6	-	-	-	-	-	-	-	-
63.0 70.0	-	-	-	3.0	-	-	-	-	-	-	-	-
67.0 49.0	0.0	-	-	1.6	-	6.8	-	-	-	-	-	-
67.0 50.0	0.0	-	-	12.5	-	0.0	-	-	-	-	-	-
67.0 55.0	2.8	-	-	0.0	-	0.0	-	-	-	-	-	-
67.0 65.0	-	-	-	3.9	-	-	-	-	-	-	-	-
67.0 70.0	-	-	-	6.4	-	-	-	-	-	-	-	-
70.0 50.0	0.0	-	-	2.8	-	-	-	-	-	-	-	-
70.0 52.0	0.0	-	-	3.0	-	0.0	-	-	-	-	-	-
70.0 53.0	0.0	-	-	6.1	-	0.0	-	-	-	-	-	-
70.0 65.0	-	-	-	3.5	-	-	-	-	-	-	-	-
73.0 50.0	0.0	-	-	2.0	-	0.0	-	-	-	-	-	-
73.0 51.0	0.0	-	-	0.0	-	2.1	-	-	-	-	-	-
77.0 70.0	0.0	-	-	0.0	-	2.2	-	-	-	-	-	-
77.8 65.0	-	-	-	-	-	2.8	-	-	-	-	-	-
80.0 51.0	0.0	-	-	1.9	-	0.0	-	-	-	0.0	-	-
80.0 52.0	0.0	-	-	3.0	-	-	-	-	-	0.0	-	-
80.9 48.0	-	-	-	-	-	6.7	-	-	-	-	-	-
81.5 55.0	5.8	-	-	-	-	0.0	-	-	-	-	-	-
82.2 47.0	2.4	-	-	-	-	-	-	-	-	-	-	-
83.0 43.0	-	0.0	-	3.3	-	-	0.0	-	-	0.0	-	-
83.0 51.0	0.0	0.0	-	2.6	-	0.0	0.0	-	-	0.0	-	-
85.0 49.0	-	-	-	-	-	2.8	-	-	-	-	-	-
87.0 65.0	-	0.0	-	2.8	-	-	0.0	-	-	0.0	-	-
90.0 32.0	-	0.0	-	5.9	-	-	0.0	-	-	0.0	-	-
93.0 28.0	-	3.4	-	5.5	-	-	0.0	-	-	0.0	-	-
97.0 32.0	-	0.0	-	5.6	-	-	0.0	-	-	0.0	-	-
100.0 29.0	-	0.0	-	2.6	-	-	0.0	-	-	0.0	-	-
107.0 32.0	-	0.0	-	3.2	-	-	0.0	-	-	0.0	-	-
113.0 28.5	-	0.0	-	5.2	-	-	0.0	-	-	0.0	-	-
117.0 35.0	-	0.0	-	3.1	-	-	0.0	-	-	0.0	-	-

TABLE 4. (cont.)

Lyopsetta exilis (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0 40.0	-	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
118.0 39.0	-	0.0	-	8.9	-	-	0.0	-	-	0.0	-	-

Microstomus pacificus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 60.0	-	0.0	-	0.0	-	-	5.6	-	-	-	-	-
60.0 70.0	-	0.0	-	0.0	-	-	12.4	-	-	-	-	-
60.0 80.0	-	0.0	-	3.2	-	-	0.0	-	-	-	-	-
67.0 50.0	0.0	-	-	6.3	-	0.0	-	-	-	-	-	-
67.0 60.0	0.0	-	-	6.6	-	2.7	-	-	-	-	-	-
70.0 60.0	0.0	-	-	8.3	-	0.0	-	-	-	-	-	-
73.0 70.0	-	-	-	6.3	-	-	-	-	-	-	-	-
73.0 80.0	-	-	-	6.8	-	-	-	-	-	-	-	-
78.5 70.0	0.0	-	-	-	-	2.8	-	-	-	-	-	-
80.0 51.0	0.0	-	-	1.9	-	0.0	-	-	0.0	-	-	-
82.2 60.0	0.0	-	-	-	-	1.9	-	-	-	-	-	-
83.0 55.0	0.0	0.0	-	0.0	-	3.1	0.0	-	-	0.0	-	-

Parophrys vetulus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 50.0	5.5	-	-	0.0	-	-	0.0	-	-	-	-	-
60.0 51.0	186.1	-	-	0.0	-	-	0.0	-	-	-	-	-
60.0 52.0	4.8	-	-	2.8	-	-	0.0	-	-	-	-	-
60.0 55.0	18.3	-	-	0.0	-	-	0.0	-	-	-	-	-
63.0 49.7	2.6	-	-	-	-	-	-	-	-	-	-	-
63.0 50.0	17.4	-	-	1.8	-	-	-	-	-	-	-	-
63.0 51.0	3.1	-	-	0.0	-	0.0	-	-	-	-	-	-
63.0 52.0	9.8	-	-	3.2	-	0.0	-	-	-	-	-	-
67.0 47.3	0.4	-	-	3.4	-	0.0	-	-	-	-	-	-
67.0 49.0	0.0	-	-	9.8	-	0.0	-	-	-	-	-	-
67.0 50.0	2.7	-	-	6.3	-	0.0	-	-	-	-	-	-
67.0 60.0	0.0	-	-	3.3	-	0.0	-	-	-	-	-	-
67.0 65.0	-	-	-	3.9	-	-	-	-	-	-	-	-
67.0 70.0	-	-	-	3.2	-	-	-	-	-	-	-	-
70.0 65.0	-	-	-	7.0	-	-	-	-	-	-	-	-
73.0 49.4	0.0	-	-	0.2	-	0.0	-	-	-	-	-	-
73.0 51.0	0.0	-	-	3.5	-	0.0	-	-	-	-	-	-
73.0 53.0	2.8	-	-	0.0	-	0.0	-	-	-	-	-	-
77.0 49.0	0.0	-	-	4.2	-	0.0	-	-	-	-	-	-
77.0 51.0	0.0	-	-	2.9	-	0.0	-	-	-	-	-	-
80.0 51.0	0.0	-	-	3.8	-	0.0	-	-	-	0.0	-	-
80.0 70.0	0.0	-	-	2.9	-	0.0	-	-	-	0.0	-	-

TABLE 4. (cont.)

Parophrys vetulus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.8	54.0	-	-	-	-	3.0	-	-	-	-	-	-
82.7	44.0	-	-	-	-	0.5	0.0	-	-	0.0	-	-
83.0	40.0	0.0	-	0.0	-	-	0.0	-	-	0.0	-	-
83.0	43.0	0.0	-	23.2	-	-	0.0	-	-	0.0	-	-
83.0	51.0	0.0	-	12.8	-	0.0	0.0	-	-	0.0	-	-
93.0	28.0	0.0	-	5.5	-	-	0.0	-	-	0.0	-	-
93.0	30.0	0.0	-	5.6	-	-	0.0	-	-	0.0	-	-
100.0	30.0	2.8	-	0.0	-	-	0.0	-	-	0.0	-	-
103.0	30.0	0.0	-	15.3	-	-	0.0	-	-	0.0	-	-
107.0	31.0	1.0	-	17.2	-	-	0.0	-	-	0.0	-	-
110.0	32.0	0.0	-	2.0	-	-	0.0	-	-	0.0	-	-
117.0	26.0	0.0	-	0.0	-	-	2.8	-	-	0.0	-	-
117.0	30.0	0.0	-	4.0	-	-	0.0	-	-	0.0	-	-

Pleuronichthys spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0	49.0	-	-	0.0	-	0.0	-	-	-	-	-	-
80.0	53.0	-	-	-	-	3.4	-	-	-	-	-	-
83.0	43.0	0.0	-	0.0	-	-	3.1	-	-	0.0	-	-
83.8	40.0	-	-	-	-	2.9	0.0	-	-	0.8	-	-
90.0	27.5	0.0	-	0.3	-	-	0.9	-	-	0.0	-	-
93.0	26.5	0.0	-	0.0	-	-	-	-	-	2.3	-	-
97.0	28.6	1.6	-	0.0	-	-	0.0	-	-	0.0	-	-
97.0	30.0	4.5	-	0.0	-	-	3.0	-	-	0.0	-	-
120.0	30.0	-	-	-	0.0	-	0.0	-	-	0.0	-	-
137.0	23.0	2.5	-	-	0.0	-	0.0	-	-	0.0	-	-

Pleuronichthys coenosus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	43.0	0.0	-	0.0	-	-	0.0	-	-	3.3	-	-
83.0	65.0	0.0	-	0.0	-	0.0	3.2	-	-	0.0	-	-
87.0	33.0	0.0	-	1.0	-	-	0.0	-	-	0.0	-	-
87.0	40.0	0.0	-	0.0	-	-	0.0	-	-	2.9	-	-
93.0	30.0	0.0	-	2.8	-	-	0.0	-	-	0.0	-	-
97.0	29.0	1.6	-	0.0	-	-	0.0	-	-	0.0	-	-
97.0	30.0	0.0	-	0.0	-	-	2.4	-	-	0.0	-	-
123.0	45.0	0.0	-	0.0	-	-	3.2	-	-	0.0	-	-
127.0	60.0	0.0	-	0.0	-	-	-	3.0	-	0.0	-	-

TABLE 4. (cont.)

Pleuronichthys decurrens

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0 70.0	-	0.0	-	0.0	-	-	3.4	-	-	0.0	-	-

Pleuronichthys ritteri

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0 27.5	-	0.0	-	0.0	-	-	1.6	-	-	0.0	-	-
97.0 29.0	-	0.8	-	0.0	-	-	0.0	-	-	0.0	-	-
100.0 29.0	-	1.5	-	0.0	-	-	0.0	-	-	0.0	-	-
120.0 22.5	-	0.0	-	0.0	-	-	0.3	-	-	0.0	-	-
120.0 23.0	-	0.0	-	0.0	-	-	0.9	-	-	3.3	-	-
120.0 25.0	-	0.0	-	0.0	-	-	3.0	-	-	0.0	-	-
120.0 35.0	-	0.0	-	0.0	-	-	3.3	-	-	0.0	-	-
120.0 40.0	-	0.0	-	0.0	-	-	6.8	-	-	0.0	-	-
137.0 21.0	-	2.4	-	-	0.0	-	1.1	-	-	0.0	-	-
137.0 22.0	-	1.6	-	-	0.0	-	0.0	-	-	0.0	-	-

Pleuronichthys verticalis

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0 49.0	0.0	-	-	1.6	-	0.0	-	-	-	-	-	-
67.0 50.0	2.7	-	-	0.0	-	0.0	-	-	-	-	-	-
73.0 49.4	0.4	-	-	0.0	-	0.0	-	-	-	-	-	-
76.2 49.8	2.6	-	-	-	-	-	-	-	-	-	-	-
80.0 57.6	-	-	-	-	-	-	-	-	-	-	-	-
80.8 52.0	-	-	-	-	-	2.8	-	-	-	-	-	-
81.5 50.0	-	-	-	-	-	3.2	-	-	-	-	-	-
81.5 50.4	9.9	-	-	-	-	-	-	-	-	-	-	-
82.0 47.0	-	3.3	-	0.0	-	1.1	0.0	-	-	0.0	-	-
83.0 39.0	-	0.8	-	0.0	-	0.5	4.0	-	-	4.3	-	-
83.0 40.0	0.0	0.0	-	0.0	-	-	3.1	-	-	5.9	-	-
83.0 43.0	-	0.0	-	0.0	-	-	0.5	-	-	3.3	-	-
87.0 32.5	-	0.0	-	0.4	-	-	0.5	-	-	1.8	-	-
87.0 33.0	-	0.0	-	3.8	-	-	0.0	-	-	0.0	-	-
87.0 34.0	-	0.0	-	1.9	-	-	5.3	-	-	0.0	-	-
87.0 35.0	-	0.0	-	2.8	-	-	5.5	-	-	0.0	-	-
90.0 27.5	-	0.0	-	0.3	-	-	0.0	-	-	0.0	-	-
90.0 28.0	-	0.0	-	15.3	-	-	0.0	-	-	0.0	-	-
90.0 32.0	-	0.0	-	8.9	-	-	0.0	-	-	0.0	-	-
93.0 26.5	-	0.0	-	1.4	-	-	0.0	-	-	0.0	-	-
93.0 27.0	-	0.0	-	2.8	-	-	0.0	-	-	0.0	-	-
93.0 28.0	-	0.0	-	5.5	-	-	0.0	-	-	0.0	-	-
93.0 30.0	-	0.0	-	2.8	-	-	0.0	-	-	0.0	-	-
97.0 29.0	-	2.4	-	2.1	-	-	0.0	-	-	0.0	-	-
97.0 30.0	-	0.0	-	1.6	-	-	0.0	-	-	0.0	-	-

TABLE 4. (cont.)

Pleuronichthys verticalis (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	32.0	0.0	-	2.8	-	-	0.0	-	-	2.9	-	-
97.0	35.0	0.0	-	0.0	-	-	0.0	-	-	2.9	-	-
103.0	28.5	0.0	-	0.0	-	-	0.6	-	-	0.0	-	-
103.0	29.0	0.0	-	1.6	-	-	0.0	-	-	1.6	-	-
107.0	30.0	0.0	-	0.0	-	-	0.3	-	-	0.0	-	-
107.0	31.0	2.1	-	5.7	-	-	0.0	-	-	0.0	-	-
110.0	32.0	0.0	-	8.2	-	-	2.2	-	-	0.0	-	-
113.0	28.5	0.0	-	1.7	-	-	0.0	-	-	0.0	-	-
113.0	29.0	0.0	-	0.0	-	-	0.5	-	-	0.0	-	-
113.0	30.0	1.2	-	0.0	-	-	3.0	-	-	0.0	-	-
113.0	35.0	0.0	-	0.0	-	-	0.0	-	-	3.3	-	-
117.0	24.8	0.0	-	0.0	-	-	0.6	-	-	0.0	-	-
117.0	25.0	0.0	-	0.0	-	-	2.8	-	-	0.0	-	-
117.0	26.0	0.0	-	0.0	-	-	22.6	-	-	0.0	-	-
117.0	40.0	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
118.0	39.0	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
119.0	33.0	-	0.0	3.3	-	-	0.0	-	-	0.0	-	-
120.0	23.0	0.0	-	0.0	-	-	0.9	-	-	0.0	-	-
120.0	24.0	1.9	-	0.0	-	-	1.7	-	-	0.0	-	-
120.0	25.0	1.3	-	0.0	-	-	3.0	-	-	0.0	-	-
120.0	30.0	1.5	-	0.0	-	-	12.1	-	-	0.0	-	-
120.0	35.0	0.0	-	6.2	-	-	0.0	-	-	0.0	-	-
120.0	40.0	0.0	-	0.0	-	-	3.4	-	-	0.0	-	-
120.0	45.0	0.0	-	3.1	-	-	0.0	-	-	0.0	-	-
123.0	36.0	0.0	-	0.0	-	-	0.9	-	-	0.0	-	-
123.5	35.6	0.0	-	0.0	-	-	0.3	-	-	0.0	-	-
127.0	32.6	0.0	-	0.0	-	-	-	0.6	-	0.0	-	-
127.0	34.0	0.0	-	0.0	-	-	-	2.5	-	0.0	-	-
130.0	30.0	0.0	-	0.0	-	-	2.6	-	-	0.0	-	-
133.0	25.0	0.0	-	2.9	-	-	-	0.0	-	0.0	-	-
137.0	23.0	0.0	-	-	0.0	-	0.0	-	-	2.6	-	-

Psettichthys melanostictus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	51.0	-	-	0.0	-	-	0.0	-	-	-	-	-
63.0	49.7	0.5	-	-	-	-	-	-	-	-	-	-
63.0	51.0	1.0	-	0.0	-	0.0	-	-	-	-	-	-
63.0	52.0	2.5	-	0.0	-	0.0	-	-	-	-	-	-
67.0	47.3	1.0	-	0.0	-	0.0	-	-	-	-	-	-
67.0	48.0	1.0	-	0.0	-	-	-	-	-	-	-	-
67.0	55.0	2.8	-	0.0	-	0.0	-	-	-	-	-	-
73.0	49.4	0.0	-	0.8	-	0.0	-	-	-	-	-	-
73.0	51.0	0.0	-	3.5	-	0.0	-	-	-	-	-	-
73.0	70.0	-	-	3.1	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

Psettichthys melanostictus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
76.2 49.8	2.2	-	-	-	-	-	0.0	-	-	-	-	-
83.0 43.0	-	3.1	-	0.0	-	-	-	-	-	0.0	-	-

Symphurus spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0 40.0	0.0	0.0	-	0.0	-	0.0	0.0	-	-	7.4	-	-
83.0 51.0	2.6	0.0	-	0.0	-	0.0	0.0	-	-	0.0	-	-
87.0 34.0	-	0.0	-	0.0	-	-	0.0	-	-	2.0	-	-
87.0 35.0	-	0.0	-	0.0	-	-	0.0	-	-	3.3	-	-
100.0 29.0	-	0.0	-	0.0	-	-	0.0	-	-	2.6	-	-
117.0 26.0	-	0.0	-	0.0	-	-	2.8	-	-	0.0	-	-
119.0 33.0	-	-	0.0	0.0	-	-	75.4	-	-	0.0	-	-
120.0 24.0	-	0.0	-	0.0	-	-	0.9	-	-	0.0	-	-
120.0 35.0	-	0.0	-	0.0	-	-	3.3	-	-	0.0	-	-
123.0 36.0	-	0.0	-	0.0	-	-	0.9	-	-	0.0	-	-
123.0 37.0	-	0.0	-	11.6	-	-	7.6	-	-	0.0	-	-
123.0 42.0	-	0.0	-	0.0	-	-	0.0	-	-	5.6	-	-
123.0 50.0	-	0.0	-	0.0	-	-	0.0	-	-	3.0	-	-
123.5 35.6	-	0.0	-	0.0	-	-	0.0	-	-	0.6	-	-
123.5 36.6	-	0.0	-	0.0	-	-	-	0.0	-	0.5	-	-
127.0 33.0	-	0.0	-	0.0	-	-	-	0.0	-	2.7	-	-
127.0 34.0	-	0.0	-	0.0	-	-	-	2.5	-	5.6	-	-
127.0 45.0	-	0.0	-	0.0	-	-	-	0.0	-	8.3	-	-
127.0 55.0	-	0.0	-	0.0	-	-	-	3.1	-	67.6	-	-
130.0 25.5	-	0.0	-	0.0	-	-	-	-	-	2.9	-	-
130.0 26.0	-	0.0	-	0.0	-	-	0.0	-	-	2.8	-	-
130.0 28.0	-	0.0	-	0.0	-	-	0.0	-	-	13.9	-	-
130.0 30.0	-	0.0	-	0.0	-	-	0.0	-	-	8.7	-	-
130.0 35.0	-	0.0	-	0.0	-	-	0.0	-	-	12.7	-	-
130.0 40.0	-	0.0	-	0.0	-	-	0.0	-	-	47.8	-	-
130.0 45.0	-	0.0	-	0.0	-	-	0.0	-	-	12.0	-	-
130.0 46.0	-	0.0	-	0.0	-	-	2.5	-	-	0.0	-	-
130.0 50.0	-	0.0	-	0.0	-	-	-	0.0	-	53.3	-	-
133.0 21.0	-	0.0	-	0.0	-	-	-	0.0	-	52.0	-	-
133.0 23.0	-	0.0	-	0.0	-	-	-	0.0	-	5.2	-	-
133.0 25.0	-	0.0	-	0.0	-	-	-	0.0	-	6.5	-	-
133.0 35.0	-	0.0	-	0.0	-	-	-	3.1	-	12.6	-	-
133.0 40.0	-	0.0	-	0.0	-	-	-	0.0	-	3.2	-	-
133.0 45.0	-	0.0	-	0.0	-	-	-	0.0	-	3.1	-	-
133.0 55.0	-	0.0	-	0.0	-	-	-	0.0	-	6.0	-	-
133.0 60.0	-	0.0	-	0.0	-	-	-	0.0	-	13.9	-	-
137.0 21.0	-	0.0	-	-	0.0	-	21.1	-	-	31.3	-	-
137.0 22.0	-	0.0	-	-	0.0	-	10.8	-	-	108.8	-	-
137.0 23.0	-	0.0	-	-	0.0	-	-	-	-	3.0	-	-
137.0 30.0	-	0.0	-	-	0.0	-	0.0	-	-	3.1	-	-
137.0 35.0	-	0.0	-	-	0.0	-	-	-	-	-	-	-

TABLE 4. (cont.)

Symphurus spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
137.0	55.0	-	0.0	-	0.0	-	0.0	-	-	12.6	-	-

Disintegrated fish larva

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	51.0	2.3	-	0.0	-	-	0.0	-	-	-	-	-
60.0	60.0	2.7	-	0.0	-	-	0.0	-	-	-	-	-
60.0	70.0	2.7	-	3.0	-	-	0.0	-	-	-	-	-
63.0	50.0	6.1	-	0.0	-	-	-	-	-	-	-	-
63.0	51.0	1.0	-	0.0	-	0.0	-	-	-	-	-	-
63.0	55.0	2.7	-	0.0	-	0.0	-	-	-	-	-	-
67.0	47.3	0.1	-	0.0	-	0.0	-	-	-	-	-	-
67.0	49.0	1.0	-	0.0	-	0.0	-	-	-	-	-	-
67.0	50.0	8.0	-	0.0	-	0.0	-	-	-	-	-	-
67.0	65.0	-	-	7.8	-	-	-	-	-	-	-	-
67.0	70.0	-	-	3.2	-	-	-	-	-	-	-	-
70.0	53.0	0.0	-	0.0	-	2.5	-	-	-	-	-	-
70.0	80.0	0.0	-	0.0	-	3.0	-	-	-	-	-	-
70.0	200.0	-	-	-	-	-	5.9	-	-	-	-	-
73.0	50.0	0.0	-	4.0	-	0.0	-	-	-	-	-	-
73.0	51.0	0.0	-	3.5	-	0.0	-	-	-	-	-	-
76.2	50.0	-	-	-	-	2.7	-	-	-	-	-	-
76.2	57.0	4.6	-	-	-	-	-	-	-	-	-	-
77.0	52.9	15.1	-	-	-	0.0	-	-	-	-	-	-
77.0	55.0	11.6	-	-	-	-	-	-	-	-	-	-
77.0	57.0	-	-	0.0	-	0.0	-	-	-	-	-	-
77.0	60.0	6.1	-	12.7	-	-	-	-	-	-	-	-
77.0	66.7	2.0	-	2.9	-	0.0	-	-	-	-	-	-
77.0	70.0	0.0	-	3.2	-	0.0	-	-	-	-	-	-
78.5	60.0	2.8	-	-	-	0.0	-	-	-	-	-	-
78.5	63.3	2.9	-	-	-	-	-	-	-	-	-	-
79.2	54.4	9.5	-	-	-	-	-	-	-	-	-	-
79.2	55.0	-	-	-	-	-	-	-	-	-	-	-
80.0	51.0	0.0	-	0.0	-	3.4	-	-	-	-	-	-
80.0	55.0	0.0	-	0.0	-	3.2	-	-	0.0	0.0	-	-
80.0	65.0	-	-	0.0	-	7.7	-	-	0.0	0.0	-	-
80.0	70.0	0.0	-	0.0	-	0.0	-	-	0.0	2.8	-	-
80.0	75.0	-	-	-	-	7.2	-	-	-	-	-	-
80.0	200.0	-	-	-	-	-	2.6	-	-	-	-	-
80.8	57.0	2.6	-	-	-	-	-	-	-	-	-	-
80.8	60.0	0.0	-	-	-	2.6	-	-	-	-	-	-
82.0	47.0	6.7	-	0.0	-	-	3.1	-	0.0	-	-	-
82.2	53.5	-	-	-	-	2.8	-	-	-	-	-	-
83.0	39.0	0.0	-	0.0	-	0.0	0.0	-	0.6	-	-	-
83.0	40.0	0.0	-	6.1	-	0.0	0.0	-	4.4	-	-	-

TABLE 4. (cont.)

Disintegrated fish larva (cont.)												
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0 43.0	-	0.0	-	3.3	-	-	0.0	-	-	0.0	-	-
83.0 51.0	0.0	0.0	-	0.0	-	0.0	6.1	-	-	0.0	-	-
83.0 52.9	2.5	-	-	-	-	-	-	-	-	-	-	-
83.0 55.0	0.0	0.0	-	3.0	-	0.0	0.0	-	-	0.0	-	-
83.0 60.0	0.0	5.3	-	0.0	-	0.0	0.0	-	-	0.0	-	-
83.0 63.3	2.5	-	-	-	-	-	-	-	-	-	-	-
83.0 65.0	-	8.8	-	0.0	-	0.0	3.2	-	-	3.1	-	-
83.0 70.0	-	29.2	-	3.1	-	-	3.2	-	-	0.0	-	-
83.0 80.0	-	0.0	-	0.0	-	3.2	-	-	-	0.0	-	-
83.8 45.0	-	-	-	-	-	2.6	-	-	-	-	-	-
83.8 48.0	-	-	-	0.4	-	-	0.5	-	-	0.0	-	-
87.0 32.5	-	0.0	-	0.0	-	-	0.0	-	-	0.0	-	-
87.0 34.0	-	4.1	-	0.0	-	-	0.0	-	-	0.0	-	-
87.0 35.0	-	29.7	-	0.0	-	-	0.0	-	-	0.0	-	-
87.0 40.0	-	0.0	-	0.0	-	-	0.0	-	-	3.3	-	-
87.0 45.0	-	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
87.0 50.0	-	-	-	5.7	-	-	3.0	-	-	0.0	-	-
87.0 55.0	-	0.0	-	0.0	-	-	3.6	-	-	0.0	-	-
87.0 60.0	-	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
87.0 65.0	-	8.2	-	0.0	-	-	0.0	-	-	0.0	-	-
87.0 80.0	-	5.4	-	2.8	-	-	3.0	-	-	0.0	-	-
87.0 90.0	-	0.0	-	3.1	-	-	0.0	-	-	0.0	-	-
90.0 27.5	-	0.0	-	0.0	-	-	3.9	-	-	0.0	-	-
90.0 28.0	-	2.5	-	3.1	-	-	7.7	-	-	0.0	-	-
90.0 32.0	-	5.4	-	3.0	-	-	0.0	-	-	0.0	-	-
90.0 37.0	-	22.8	-	0.0	-	-	0.0	-	-	0.0	-	-
90.0 45.0	-	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
90.0 53.0	-	2.7	-	0.0	-	-	0.0	-	-	0.0	-	-
90.0 65.0	-	5.3	-	2.9	-	-	0.0	-	-	0.0	-	-
90.0 70.0	-	8.1	-	9.0	-	-	3.1	-	-	0.0	-	-
90.0 80.0	-	0.0	-	5.5	-	-	0.0	-	-	2.9	-	-
90.0 90.0	-	0.0	-	3.0	-	-	6.7	-	-	0.0	-	-
90.0 100.0	-	0.0	-	2.9	-	-	0.0	-	-	0.0	-	-
90.0 120.0	-	0.0	-	-	-	-	3.0	-	-	-	-	-
90.0 160.0	-	0.0	-	-	-	-	2.4	-	-	-	-	-
90.0 180.0	-	2.6	-	-	-	-	0.0	-	-	-	-	-
90.0 200.0	-	0.0	-	-	-	-	2.5	-	-	-	-	-
93.0 27.0	-	0.0	-	1.4	-	-	0.0	-	-	0.0	-	-
93.0 30.0	-	6.1	-	0.0	-	-	0.0	-	-	6.0	-	-
93.0 35.0	-	0.0	-	2.7	-	-	0.0	-	-	0.0	-	-
93.0 40.0	-	7.4	-	0.0	-	-	0.0	-	-	0.0	-	-
93.0 45.0	-	0.0	-	5.7	-	-	0.0	-	-	0.0	-	-
93.0 55.0	-	10.1	-	2.8	-	-	0.0	-	-	0.0	-	-
93.0 65.0	-	0.0	-	5.8	-	-	0.0	-	-	0.0	-	-
93.0 70.0	-	0.0	-	2.5	-	-	0.0	-	-	0.0	-	-
93.0 80.0	-	0.0	-	3.0	-	-	-	-	-	0.0	-	-

TABLE 4. (cont.)

Disintegrated fish larva (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	90.0	9.1	-	2.7	-	-	-	-	-	0.0	-	-
93.0	100.0	0.0	-	2.9	-	-	-	-	-	0.0	-	-
97.0	28.6	1.6	-	-	-	-	-	-	-	-	-	-
97.0	29.0	2.4	-	0.5	-	-	0.0	-	-	0.0	-	-
97.0	30.0	9.0	-	0.0	-	-	0.0	-	-	0.0	-	-
97.0	35.0	3.3	-	0.0	-	-	0.0	-	-	0.0	-	-
97.0	40.0	3.2	-	2.6	-	-	-	-	-	0.0	-	-
97.0	50.0	2.9	-	0.0	-	-	-	-	-	0.0	-	-
97.0	55.0	3.1	-	0.0	-	-	0.0	-	-	0.0	-	-
97.0	65.0	2.8	-	5.8	-	-	0.0	-	-	0.0	-	-
100.0	35.0	4.8	-	0.0	-	-	0.0	-	-	0.0	-	-
100.0	40.0	3.0	-	0.0	-	-	0.0	-	-	0.0	-	-
100.0	45.0	6.2	-	0.0	-	-	0.0	-	-	0.0	-	-
100.0	50.0	13.4	-	0.0	-	-	0.0	-	-	0.0	-	-
100.0	55.0	2.8	-	0.0	-	-	0.0	-	-	0.0	-	-
100.0	60.0	2.8	-	0.0	-	-	0.0	-	-	0.0	-	-
100.0	65.0	2.6	-	0.0	-	-	0.0	-	-	0.0	-	-
100.0	80.0	0.0	-	3.0	-	-	0.0	-	-	3.0	-	-
100.0	90.0	0.0	-	0.0	-	-	10.4	-	-	0.0	-	-
100.0	200.0	7.7	-	-	-	-	-	-	-	-	-	-
103.0	29.0	5.8	-	3.2	-	-	0.6	-	-	0.0	-	-
103.0	30.0	2.7	-	0.0	-	-	0.0	-	-	0.0	-	-
103.0	35.0	0.0	-	3.2	-	-	0.0	-	-	0.0	-	-
103.0	40.0	0.0	-	6.2	-	-	0.0	-	-	0.0	-	-
103.0	50.0	0.0	-	-	-	-	9.4	-	-	0.0	-	-
103.0	55.0	3.1	-	15.4	-	-	0.0	-	-	0.0	-	-
103.0	65.0	3.1	-	0.0	-	-	0.0	-	-	3.2	-	-
103.0	80.0	0.0	-	2.9	-	-	0.0	-	-	0.0	-	-
103.0	90.0	0.0	-	12.2	-	-	8.2	-	-	0.0	-	-
107.0	30.0	12.0	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0	31.0	3.1	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0	32.0	0.0	-	6.4	-	-	0.0	-	-	3.0	-	-
107.0	40.0	3.5	-	6.8	-	-	3.0	-	-	0.0	-	-
107.0	55.0	0.0	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0	60.0	0.0	-	0.0	-	-	9.1	-	-	0.0	-	-
107.0	65.0	6.2	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0	70.0	11.4	-	0.0	-	-	0.0	-	-	3.0	-	-
107.0	80.0	3.1	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0	90.0	0.0	-	0.0	-	-	6.0	-	-	0.0	-	-
110.0	32.0	4.5	-	2.0	-	-	0.0	-	-	0.0	-	-
110.0	35.0	20.2	-	0.0	-	-	0.0	-	-	0.0	-	-
110.0	45.0	13.2	-	6.6	-	-	0.0	-	-	3.1	-	-
110.0	55.0	0.0	-	0.0	-	-	2.6	-	-	0.0	-	-
110.0	60.0	0.0	-	15.3	-	-	21.9	-	-	0.0	-	-
110.0	65.0	0.0	-	3.0	-	-	8.0	-	-	0.0	-	-
110.0	70.0	0.0	-	3.0	-	-	2.5	-	-	0.0	-	-

TABLE 4. (cont.)

Disintegrated fish larva (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
110.0	80.0	0.0	-	0.0	-	-	4.7	-	-	6.4	-	-
110.0	90.0	3.0	-	0.0	-	-	0.0	-	-	0.0	-	-
110.0	100.0	15.3	-	-	-	-	-	-	-	-	-	-
113.0	28.5	0.7	-	0.0	-	-	0.0	-	-	0.0	-	-
113.0	30.0	0.0	-	0.0	-	-	0.0	-	-	2.6	-	-
113.0	40.0	0.0	-	2.2	-	-	0.0	-	-	0.0	-	-
113.0	50.0	0.0	-	0.0	-	-	0.0	-	-	3.0	-	-
113.0	65.0	6.1	-	0.0	-	-	-	-	-	0.0	-	-
113.0	80.0	0.0	-	3.1	-	-	0.0	-	-	0.0	-	-
115.0	35.0	-	7.7	-	-	-	0.0	-	-	-	-	-
117.0	24.8	2.5	-	6.0	-	-	0.0	-	-	0.0	-	-
117.0	25.0	5.0	-	10.3	-	-	5.6	-	-	5.5	-	-
117.0	26.0	3.6	-	0.0	-	-	2.8	-	-	0.0	-	-
117.0	30.0	2.2	-	15.8	-	-	0.0	-	-	0.0	-	-
117.0	40.0	21.5	-	0.0	-	-	0.0	-	-	3.2	-	-
117.0	45.0	5.7	-	0.0	-	-	0.0	-	-	3.3	-	-
117.0	50.0	0.0	-	3.3	-	-	3.1	-	-	0.0	-	-
117.0	55.0	0.0	-	3.2	-	-	0.0	-	-	0.0	-	-
117.0	60.0	0.0	-	6.4	-	-	0.0	-	-	19.5	-	-
117.0	70.0	0.0	-	0.0	-	-	0.0	-	-	8.4	-	-
117.0	80.0	15.3	-	0.0	-	-	3.1	-	-	0.0	-	-
117.0	90.0	6.1	-	0.0	-	-	0.0	-	-	-	-	-
118.0	39.0	0.0	-	6.0	-	-	0.0	-	-	0.0	-	-
119.0	33.0	-	0.0	0.0	-	-	0.0	-	-	3.1	-	-
120.0	22.5	0.0	0.0	0.0	-	-	0.2	-	-	0.6	-	-
120.0	23.0	0.0	-	0.0	-	-	0.0	-	-	0.0	-	-
120.0	24.0	8.4	-	0.0	-	-	0.9	-	-	0.0	-	-
120.0	25.0	0.0	-	5.0	-	-	3.0	-	-	0.0	-	-
120.0	30.0	12.0	-	0.0	-	-	0.0	-	-	0.0	-	-
120.0	35.0	5.8	-	9.3	-	-	0.0	-	-	0.0	-	-
120.0	40.0	0.0	-	0.0	-	-	0.0	-	-	2.1	-	-
120.0	50.0	3.3	-	3.3	-	-	3.1	-	-	0.0	-	-
120.0	55.0	2.9	-	-	-	-	0.0	-	-	2.9	-	-
120.0	60.0	0.0	-	0.0	-	-	2.8	-	-	0.0	-	-
120.0	65.0	0.0	-	0.0	-	-	2.6	-	-	0.0	-	-
120.0	70.0	2.7	-	9.4	-	-	0.0	-	-	0.0	-	-
120.0	80.0	0.0	-	0.0	-	-	21.2	-	-	-	-	-
120.0	90.0	0.0	-	0.0	-	-	10.0	-	-	-	-	-
120.0	120.0	2.8	-	-	-	-	-	-	-	-	-	-
123.0	37.0	5.4	-	14.5	-	-	2.5	-	-	0.0	-	-
123.0	42.0	0.0	-	0.0	-	-	6.7	-	-	0.0	-	-
123.0	45.0	0.0	-	6.3	-	-	3.2	-	-	0.0	-	-
123.0	50.0	0.0	-	3.4	-	-	0.0	-	-	5.9	-	-
123.0	55.0	0.0	-	0.0	-	-	0.0	-	-	8.8	-	-
123.0	60.0	0.0	-	0.0	-	-	0.0	-	-	6.1	-	-
123.0	65.0	0.0	-	3.3	-	-	0.0	-	-	0.0	-	-

TABLE 4. (cont.)

Disintegrated fish larva (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
123.0	70.0	3.3	-	0.0	-	-	9.3	-	-	0.0	-	-
123.0	80.0	0.0	-	3.1	-	-	0.0	-	-	-	-	-
123.5	35.6	0.0	-	2.0	-	-	0.0	-	-	0.6	-	-
127.0	32.6	0.0	-	0.0	-	-	-	0.0	-	1.6	-	-
127.0	33.0	2.9	-	4.7	-	-	-	0.0	-	2.8	-	-
127.0	34.0	0.0	-	5.2	-	-	-	0.0	-	0.0	-	-
127.0	40.0	0.0	-	6.5	-	-	-	0.0	-	0.0	-	-
127.0	45.0	0.0	-	0.0	-	-	-	0.0	-	9.7	-	-
127.0	60.0	2.7	-	0.0	-	-	-	0.0	-	0.0	-	-
127.0	65.0	0.0	-	3.1	-	-	-	0.0	-	-	-	-
127.0	70.0	0.0	-	5.9	-	-	-	0.0	-	-	-	-
130.0	25.5	0.0	-	1.4	-	-	0.0	-	-	1.1	-	-
130.0	26.0	0.8	-	0.0	-	-	-	-	-	0.0	-	-
130.0	28.0	0.9	-	0.0	-	-	2.4	-	-	0.0	-	-
130.0	30.0	2.6	-	9.6	-	-	0.0	-	-	6.4	-	-
130.0	35.0	3.0	-	0.0	-	-	0.0	-	-	14.9	-	-
130.0	40.0	2.9	-	6.6	-	-	0.0	-	-	0.0	-	-
130.0	45.0	3.2	-	3.3	-	-	0.0	-	-	0.0	-	-
130.0	60.0	0.0	-	0.0	-	-	0.0	-	-	3.2	-	-
130.0	70.0	0.0	-	6.3	-	-	7.6	-	-	-	-	-
130.0	100.0	2.9	-	-	-	-	-	-	-	-	-	-
133.0	21.0	2.0	-	0.0	-	-	-	0.0	-	4.4	-	-
133.0	23.0	1.6	-	0.0	-	-	-	8.2	-	0.0	-	-
133.0	25.0	1.9	-	0.0	-	-	-	2.9	-	0.0	-	-
133.0	30.0	5.7	-	0.0	-	-	-	0.0	-	0.0	-	-
133.0	35.0	0.0	-	3.4	-	-	-	0.0	-	0.0	-	-
133.0	45.0	0.0	-	6.7	-	-	-	0.0	-	0.0	-	-
133.0	65.0	8.2	-	0.0	-	-	-	0.0	-	0.0	-	-
133.0	70.0	0.0	-	3.1	-	-	-	0.0	-	-	-	-
137.0	20.0	0.2	-	-	2.0	-	2.0	-	-	1.6	-	-
137.0	21.0	0.5	-	-	0.0	-	0.4	-	-	2.1	-	-
137.0	22.0	1.6	-	-	0.0	-	0.0	-	-	18.3	-	-
137.0	23.0	10.0	-	-	0.0	-	13.0	-	-	18.1	-	-
137.0	23.0	0.0	-	0.0	-	-	0.0	-	-	3.2	-	-
137.0	40.0	0.0	-	0.0	-	-	0.0	-	-	6.2	-	-
137.0	50.0	10.2	-	0.0	-	-	2.8	-	-	6.1	-	-
137.0	60.0	-	-	3.4	-	-	-	-	-	-	-	-
137.0	65.0	0.5	-	0.0	-	-	5.3	-	-	-	-	-
140.0	28.8	6.2	-	-	-	-	0.0	-	-	-	-	-
140.0	30.0	2.8	-	-	-	-	0.0	-	-	-	-	-
140.0	45.0	-	-	-	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

Unidentified fish larva

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	51.0	2.3	-	0.0	-	-	0.0	-	-	-	-	-
60.0	52.0	0.0	-	2.8	-	-	0.0	-	-	-	-	-
60.0	160.0	-	-	-	-	-	2.8	-	-	-	-	-
60.0	180.0	-	-	-	-	-	2.5	-	-	-	-	-
63.0	49.7	3.4	-	-	-	0.0	-	-	-	-	-	-
63.0	52.0	7.4	-	0.0	-	0.0	-	-	-	-	-	-
67.0	47.3	1.0	-	0.5	-	0.0	-	-	-	-	-	-
67.0	48.0	2.6	-	0.0	-	0.0	-	-	-	-	-	-
67.0	49.0	7.7	-	0.0	-	0.0	-	-	-	-	-	-
67.0	50.0	23.9	-	3.1	-	0.0	-	-	-	-	-	-
67.0	53.0	0.0	-	3.0	-	0.0	-	-	-	-	-	-
70.0	70.0	0.0	-	8.3	-	0.0	-	-	-	-	-	-
70.0	80.0	0.0	-	0.0	-	3.0	-	-	-	-	-	-
73.0	49.4	0.4	-	0.0	-	0.3	-	-	-	-	-	-
73.0	51.0	0.0	-	0.0	-	0.0	-	-	-	-	-	-
73.0	53.0	0.0	-	3.5	-	0.0	-	-	-	-	-	-
76.2	49.8	8.8	-	3.2	-	-	-	-	-	-	-	-
76.2	70.0	2.7	-	-	-	0.0	-	-	-	-	-	-
77.0	47.6	0.1	-	-	-	0.0	-	-	-	-	-	-
77.0	48.0	0.5	-	-	-	0.0	-	-	-	-	-	-
77.0	49.0	0.0	-	1.0	-	0.0	-	-	-	-	-	-
77.0	51.0	0.0	-	0.0	-	2.7	-	-	-	-	-	-
77.0	53.0	-	-	-	-	3.0	-	-	-	-	-	-
77.0	55.0	2.9	-	0.0	-	2.9	-	-	-	-	-	-
77.0	60.0	0.0	-	0.0	-	0.0	-	-	-	-	-	-
77.0	70.0	0.0	-	3.2	-	0.0	-	-	-	-	-	-
77.8	70.0	0.0	-	-	-	2.9	-	-	-	0.0	-	-
80.0	51.0	3.0	-	0.0	-	0.0	-	-	-	0.0	-	-
80.0	52.0	5.3	-	0.0	-	-	-	-	-	0.0	-	-
80.0	55.0	0.0	-	16.2	-	0.0	-	-	-	0.0	-	-
82.2	65.0	-	-	-	-	2.3	-	-	-	-	-	-
83.0	39.0	0.0	-	0.0	-	1.1	-	-	-	0.0	-	-
83.0	40.0	7.5	-	0.0	-	0.0	-	-	-	1.5	-	-
83.0	43.0	-	-	6.6	-	-	-	-	-	0.0	-	-
83.0	55.0	2.7	-	0.0	-	0.0	-	-	-	0.0	-	-
83.0	65.0	-	-	0.0	-	0.0	-	-	-	0.0	-	-
83.0	70.0	-	-	6.2	-	-	-	-	-	0.0	-	-
83.0	80.0	0.0	-	6.1	-	-	-	-	-	0.0	-	-
83.4	41.0	-	-	-	-	3.3	-	-	-	-	-	-
85.0	39.0	-	-	-	-	3.8	-	-	-	0.0	-	-
87.0	33.0	3.5	-	0.0	-	-	-	-	-	0.0	-	-
87.0	35.0	2.7	-	2.8	-	-	-	-	-	0.0	-	-
87.0	55.0	0.0	-	0.0	-	-	-	-	-	0.0	-	-
87.0	70.0	0.0	-	3.2	-	-	-	-	-	0.0	-	-
90.0	27.5	0.0	-	0.0	-	-	-	-	-	0.0	-	-
90.0	28.0	0.0	-	0.0	-	-	-	-	-	0.0	-	-

TABLE 4. (cont.)

Unidentified fish larva (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	37.0	0.0	-	0.0	-	-	3.4	-	-	0.0	-	-
90.0	80.0	0.0	-	0.0	-	-	0.0	-	-	2.9	-	-
90.0	100.0	7.8	-	0.0	-	-	0.0	-	-	0.0	-	-
90.0	180.0	0.0	-	-	-	-	2.7	-	-	-	-	-
90.0	200.0	2.5	-	-	-	-	0.0	-	-	-	-	-
93.0	26.5	0.0	-	0.0	-	-	0.9	-	-	0.0	-	-
93.0	55.0	3.4	-	2.8	-	-	0.0	-	-	0.0	-	-
93.0	60.0	11.1	-	0.0	-	-	0.0	-	-	0.0	-	-
93.0	65.0	0.0	-	0.0	-	-	3.1	-	-	0.0	-	-
93.0	70.0	3.2	-	0.0	-	-	0.0	-	-	0.0	-	-
93.0	100.0	0.0	-	0.0	-	-	-	-	-	2.8	-	-
96.8	28.7	-	-	-	-	-	0.2	-	-	0.0	-	-
97.0	28.6	0.3	-	-	-	-	-	-	-	-	-	-
97.0	29.0	4.7	-	0.0	-	-	0.0	-	-	0.0	-	-
97.0	30.0	15.3	-	0.0	-	-	0.0	-	-	0.0	-	-
97.0	32.0	0.0	-	0.0	-	-	0.0	-	-	2.9	-	-
97.0	35.0	0.0	-	0.0	-	-	0.0	-	-	8.8	-	-
97.0	60.0	0.0	-	0.0	-	-	3.3	-	-	0.0	-	-
97.0	90.0	0.0	-	0.0	-	-	-	-	-	3.0	-	-
100.0	90.0	0.0	-	0.0	-	-	7.8	-	-	0.0	-	-
100.0	120.0	5.7	-	-	-	-	-	-	-	-	-	-
100.0	160.0	2.6	-	-	-	-	-	-	-	-	-	-
100.0	180.0	2.5	-	-	-	-	-	-	-	-	-	-
100.0	200.0	2.6	-	-	-	-	-	-	-	-	-	-
103.0	29.0	0.0	-	1.6	-	-	0.6	-	-	0.0	-	-
103.0	40.0	0.0	-	3.1	-	-	0.0	-	-	0.0	-	-
103.0	90.0	0.0	-	0.0	-	-	8.2	-	-	0.0	-	-
107.0	30.0	24.0	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0	31.0	2.1	-	0.0	-	-	0.0	-	-	0.0	-	-
107.0	35.0	0.0	-	3.0	-	-	0.0	-	-	0.0	-	-
107.0	70.0	0.0	-	0.0	-	-	0.0	-	-	6.1	-	-
107.0	80.0	6.1	-	0.0	-	-	0.0	-	-	3.1	-	-
107.0	90.0	3.0	-	0.0	-	-	6.0	-	-	3.1	-	-
110.0	32.0	0.0	-	4.1	-	-	2.2	-	-	0.0	-	-
110.0	35.0	10.1	-	0.0	-	-	3.3	-	-	0.0	-	-
110.0	40.0	0.0	-	0.0	-	-	10.9	-	-	0.0	-	-
110.0	45.0	0.0	-	0.0	-	-	2.7	-	-	0.0	-	-
110.0	50.0	0.0	-	0.0	-	-	2.5	-	-	0.0	-	-
110.0	65.0	0.0	-	0.0	-	-	5.3	-	-	0.0	-	-
110.0	70.0	0.0	-	3.0	-	-	9.8	-	-	0.0	-	-
110.0	80.0	0.0	-	0.0	-	-	0.0	-	-	3.2	-	-
113.0	28.5	0.0	-	0.0	-	-	0.0	-	-	1.1	-	-
113.0	30.0	4.9	-	0.0	-	-	0.0	-	-	0.0	-	-
113.0	35.0	0.0	-	0.0	-	-	0.0	-	-	3.3	-	-
113.0	40.0	0.0	-	0.0	-	-	0.0	-	-	2.8	-	-
113.0	55.0	0.0	-	0.0	-	-	6.0	-	-	0.0	-	-

TABLE 4. (cont.)

Unidentified fish larva (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0	65.0	0.0	-	3.3	-	-	-	-	-	0.0	-	-
113.0	80.0	0.0	-	0.0	-	-	0.0	-	-	2.9	-	-
115.0	35.0	-	2.6	-	-	-	0.0	-	-	-	-	-
117.0	24.8	0.3	-	2.0	-	-	0.0	-	-	0.0	-	-
117.0	25.0	2.5	-	5.1	-	-	0.0	-	-	0.0	-	-
117.0	26.0	4.8	-	5.8	-	-	0.0	-	-	0.0	-	-
117.0	30.0	0.0	-	0.0	-	-	2.9	-	-	0.0	-	-
117.0	40.0	0.0	-	0.0	-	-	6.1	-	-	0.0	-	-
117.0	65.0	0.0	-	3.1	-	-	0.0	-	-	0.0	-	-
117.0	70.0	6.0	-	0.0	-	-	0.0	-	-	0.0	-	-
118.0	39.0	-	-	3.0	-	-	0.0	-	-	3.1	-	-
119.0	33.0	-	0.0	0.0	-	-	26.1	-	-	0.0	-	-
120.0	22.5	0.5	-	6.1	-	-	0.5	-	-	1.1	-	-
120.0	23.0	2.2	-	1.9	-	-	3.2	-	-	3.3	-	-
120.0	24.0	13.6	-	0.0	-	-	6.0	-	-	1.1	-	-
120.0	25.0	0.0	-	0.0	-	-	11.9	-	-	2.5	-	-
120.0	30.0	12.0	-	0.0	-	-	12.1	-	-	0.0	-	-
120.0	35.0	1.9	-	3.1	-	-	3.3	-	-	0.0	-	-
120.0	40.0	0.0	-	2.5	-	-	0.0	-	-	0.0	-	-
120.0	45.0	2.9	-	0.0	-	-	2.9	-	-	2.8	-	-
120.0	55.0	0.0	-	3.1	-	-	0.0	-	-	0.0	-	-
120.0	60.0	0.0	-	6.7	-	-	0.0	-	-	0.0	-	-
123.0	37.0	4.1	-	5.8	-	-	2.5	-	-	0.0	-	-
123.0	42.0	0.0	-	6.7	-	-	0.0	-	-	0.0	-	-
123.0	60.0	0.0	-	3.3	-	-	3.3	-	-	0.0	-	-
123.0	70.0	0.0	-	0.0	-	-	3.1	-	-	0.0	-	-
123.0	80.0	0.0	-	0.0	-	-	6.3	-	-	0.0	-	-
123.5	35.6	0.0	-	0.0	-	-	5.7	-	-	-	-	-
127.0	32.6	0.0	-	0.0	-	-	-	0.0	-	0.6	-	-
127.0	33.0	1.5	-	2.3	-	-	-	0.0	-	4.7	-	-
127.0	34.0	0.0	-	0.0	-	-	-	0.0	-	0.0	-	-
127.0	45.0	3.0	-	3.2	-	-	-	12.4	-	2.8	-	-
130.0	25.5	0.0	-	1.4	-	-	17.4	0.0	-	0.0	-	-
130.0	28.0	1.7	-	0.0	-	-	3.5	0.0	-	0.6	-	-
130.0	30.0	0.0	-	0.0	-	-	1.3	-	-	6.9	-	-
130.0	35.0	0.0	-	0.0	-	-	0.0	-	-	14.8	-	-
130.0	40.0	0.0	-	0.0	-	-	0.0	-	-	3.0	-	-
130.0	70.0	0.0	-	3.1	-	-	5.1	-	-	0.0	-	-
130.0	90.0	0.0	-	-	-	-	5.0	-	-	-	-	-
133.0	19.5	0.0	-	0.0	-	-	-	33.3	-	2.8	-	-
133.0	21.0	2.0	-	0.0	-	-	-	87.1	-	14.8	-	-
133.0	23.0	4.9	-	0.0	-	-	-	6.1	-	16.5	-	-
133.0	25.0	1.9	-	0.0	-	-	-	0.0	-	10.5	-	-
133.0	35.0	0.0	-	0.0	-	-	-	0.0	-	3.2	-	-
133.0	40.0	0.0	-	6.4	-	-	-	0.0	-	0.0	-	-
133.0	70.0	0.0	-	0.0	-	-	-	3.1	-	-	-	-

UNIDENTIFIED SUB (SEA VENTS)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
137.0	20.0	0.2	-	-	0.0	-	19.7	-	-	3.6	-	-
137.0	21.0	0.0	-	-	0.0	-	281.9	-	-	36.4	-	-
137.0	22.0	0.0	-	-	0.0	-	83.2	-	-	39.1	-	-
137.0	23.0	0.0	-	-	0.0	-	23.8	-	-	0.0	-	-
137.0	30.0	0.0	-	-	0.0	-	-	-	-	3.0	-	-
137.0	35.0	2.4	-	-	0.0	-	2.7	-	-	0.0	-	-
137.0	45.0	0.0	-	0.0	-	-	0.0	-	-	8.6	-	-
137.0	55.0	0.0	-	2.9	-	-	2.8	-	-	0.0	-	-
137.0	60.0	0.0	-	0.0	-	-	5.5	-	-	3.1	-	-
137.0	65.0	-	-	3.4	-	-	-	-	-	-	-	-
137.0	70.0	0.0	-	3.3	-	-	0.0	-	-	-	-	-
137.0	80.0	0.0	-	-	-	-	5.5	-	-	-	-	-
140.0	29.0	-	-	-	-	-	7.2	-	-	-	-	-
140.0	30.0	0.0	-	-	-	-	9.6	-	-	-	-	-
140.0	40.0	0.0	-	-	-	-	7.6	-	-	-	-	-
140.0	50.0	0.0	-	-	-	-	10.2	-	-	-	-	-

TABLE 5. Summary of pooled occurrences of all larval fish taxa taken on CalCOFI surveys from 1961 to 1969. Taxa are listed in the same order as Table 4.

TAXA	1961	1962	1963	1964	1965	1966	1967	1968	1969
<i>Anquilliformes</i>									
<i>Trachurus acuminatus</i>	7	8	20	8	24	17	5	3	13
<i>Opisthonema</i> spp.	4	7	36	37	35	26	7	1	9
<i>Sardinops sagax</i>	53	58	99	88	2	3	31	10	79
<i>Engraulis mordax</i>	408	454	567	707	104	143	150	188	880
<i>Argentina sialis</i>	18	49	33	37	618	987	21	18	98
<i>Microstoma microstoma</i>	12	19	11	31	49	93	9	19	73
<i>Nansenia candida</i>	9	13	5	7	17	39	6	12	32
<i>Nansenia crassa</i>	29	15	30	33	22	48	8	5	40
<i>Bathylagus</i> spp.	18	1	54	1	7	18	6	35	215
<i>Bathylagus milleri</i>	-	-	2	3	1	1	-	1	33
<i>Bathylagus ochotensis</i>	57	66	98	196	127	260	28	106	359
<i>Bathylagus pacificus</i>	5	7	8	38	3	26	-	15	80
<i>Bathylagus wesethi</i>	149	168	160	235	220	461	99	90	328
<i>Leuroglossus stilbius</i>	202	225	236	360	300	449	43	116	498
<i>Dolichopteryx</i> spp.	-	-	-	-	-	-	-	-	1
<i>Macropinna microstoma</i>	1	-	2	-	-	-	-	-	1
<i>Osmeridae</i>	12	4	3	6	1	6	9	1	4
<i>Gonostomatidae</i>	2	5	12	8	18	8	-	4	126
<i>Cyclothone</i> spp.	214	277	241	247	265	593	80	65	346
<i>Diplophos taenia</i>	5	5	7	-	3	11	1	1	7
<i>Ichthyococcus</i> spp.	4	11	11	13	7	35	5	2	34
<i>Vinciguerrria lucetia</i>	342	371	383	369	436	828	121	82	479
<i>Vinciguerrria poweriae</i>	3	7	3	4	3	6	-	-	1
<i>Woodsia nonsuchae</i>	-	-	1	-	-	-	-	-	-
<i>Sternopterychidae</i>	54	71	45	79	59	250	28	48	469
<i>Astronesthidae</i>	-	2	-	-	-	-	-	-	1
<i>Chauliodus macouni</i>	28	28	31	68	57	171	9	46	189
<i>Idiacanthus antrostomus</i>	48	43	26	32	33	72	15	22	114
<i>Aristostomias scintillans</i>	9	10	9	6	9	12	2	-	1
<i>Bathophilus</i> spp.	5	10	4	3	4	5	2	1	2
<i>Eustomias</i> spp.	1	1	1	1	1	-	-	-	-
<i>Photonectes</i> spp.	7	3	2	2	6	4	-	-	-
<i>Tactostoma macropus</i>	7	4	-	4	2	16	3	-	4
<i>Stomias atriventer</i>	58	76	98	81	100	326	24	46	214
<i>Evermannellidae</i>	1	3	1	1	1	-	-	-	-
<i>Paralepididae</i>	-	3	5	10	3	-	-	3	6
<i>Leptidiops ringens</i>	50	80	58	63	67	232	36	52	231
<i>Notolepis risso</i>	9	12	9	7	9	12	2	8	18
<i>Paralepis atlantica</i>	-	6	-	2	1	5	-	1	-
<i>Stemonosudis macrura</i>	4	4	-	2	6	-	-	-	1
<i>Sudis atrox</i>	2	4	-	2	4	-	-	-	-
<i>Aulopus</i> spp.	-	-	-	-	-	-	-	-	-
<i>Scopelosaurus</i> spp.	16	10	8	16	19	21	6	3	36
<i>Scopelarchidae</i>	67	60	50	21	33	114	29	13	93

TABLE 5. (cont.)

NAME	1961	1962	1963	1964	1965	1966	1967	1968	1969
Myctophidae									
<i>Ceratoscopelus townsendi</i>	165	151	179	220	222	346	33	79	329
<i>Diaphus</i> spp.	149	157	128	146	156	352	37	23	153
<i>Lampadena urophaos</i>	77	56	46	101	80	187	46	34	110
<i>Lampantus</i> spp.	53	45	50	25	32	62	10	1	23
<i>Lampantus regalis</i>	148	139	199	155	183	401	67	65	550
<i>Lampantus ritteri</i>	13	12	2	20	9	46	12	11	19
<i>Notolichthys valdiviae</i>	154	204	120	189	234	523	43	72	155
<i>Notoscopelus resplendens</i>	29	13	22	16	21	22	7	1	10
<i>Parulix ingens</i>	59	41	50	39	44	54	11	3	29
<i>Stenobrachius leucopsarus</i>	177	179	186	342	263	420	31	127	390
<i>Triphoturus mexicanus</i>	407	422	451	448	494	990	142	92	556
<i>Triphoturus nigrescens</i>	4	-	-	-	1	3	-	-	-
<i>Benthosema pterota</i>	2	10	-	2	2	-	1	-	2
<i>Centrobranchius</i> spp.	54	62	88	61	11	165	16	13	79
<i>Diogenichthys atlanticus</i>	102	155	92	111	116	171	38	46	210
<i>Diogenichthys laternatus</i>	94	127	161	163	249	361	63	32	210
<i>Electrona rissoi</i>	3	5	-	3	2	3	-	-	7
<i>Goniichthys tenuiculus</i>	20	24	29	46	81	146	16	12	48
<i>Hygophum</i> spp.	4	3	29	6	11	4	-	-	13
<i>Hygophum atratum</i>	27	38	41	44	103	178	21	6	81
<i>Hygophum reinhardtii</i>	39	58	27	20	27	9	7	-	10
<i>Loweina rara</i>	8	4	5	4	8	6	1	-	11
<i>Myctophum nitidulum</i>	46	42	31	32	19	58	11	8	59
<i>Protomyctophum crockeri</i>	247	252	225	292	261	671	109	139	717
<i>Protomyctophum thompsoni</i>	-	-	-	-	-	-	-	-	9
<i>Symblophorus californiensis</i>	82	140	78	116	111	291	38	61	157
<i>Tarletonbeania crenularis</i>	160	115	111	140	132	208	10	73	277
<i>Synodus</i> spp.	19	23	41	35	42	121	23	-	54
<i>Bregmaceros</i> spp.	-	-	-	3	2	2	-	-	-
<i>Microgadus proximus</i>	152	228	229	290	290	398	25	95	361
<i>Merluccius productus</i>	-	1	1	1	3	2	1	2	2
<i>Physiculus</i> spp.	-	4	6	5	3	5	2	3	14
Macrouridae	16	16	35	49	37	69	10	16	45
Ophidiiformes	-	2	3	3	7	17	5	8	16
<i>Brosomphycis marginata</i>	-	1	-	1	-	-	-	-	-
Carapidae	12	31	15	11	29	55	15	-	28
<i>Chilara taylori</i>	2	10	61	19	40	67	-	-	34
<i>Ophidion scrippsae</i>	1	-	1	1	-	1	1	-	34
<i>Porichthys</i> spp.	15	26	17	7	18	43	-	-	2
Ceratioidei	3	-	5	8	9	12	-	-	30
Gobiesocidae	2	-	1	3	2	10	-	2	5
Exocoetidae	-	-	-	2	1	-	-	-	-
Hemiramphidae	-	-	-	2	1	-	-	-	-
<i>Cololabis saira</i>	11	6	13	22	9	31	3	10	32
Atherinidae	-	-	9	23	8	11	2	2	5
Trachipteridae	27	27	20	22	19	75	6	9	80
Eutaeniorhidae	-	-	-	-	-	-	-	-	5

TABLE 5. (cont.)

NAME	1961	1962	1963	1964	1965	1966	1967	1968	1969
<i>Melamphaes</i> spp.	117	106	134	114	151	340	68	84	333
<i>Poromitra</i> spp.	13	18	28	28	32	51	6	14	27
<i>Scopeloberyx robustus</i>	4	2	2	-	7	-	-	-	2
<i>Scopelogadus bispinosus</i>	18	34	10	31	13	60	4	5	17
<i>Macroramphosus gracilis</i>	3	6	6	3	7	6	-	-	11
<i>Syngnathus</i> spp.	6	5	8	12	12	15	6	3	10
Agonidae	3	6	16	24	22	20	5	4	9
<i>Anoplopoma fimbria</i>	-	-	-	1	-	-	-	-	-
Cottidae	11	21	33	45	37	43	5	12	40
<i>Scorpaenichthys marmoratus</i>	3	3	7	13	20	15	-	5	24
Cyclopteridae	8	2	12	14	16	14	4	4	17
Hexagrammidae	-	1	-	2	1	1	-	1	6
<i>Ophiodon elongatus</i>	-	3	-	-	-	1	-	1	1
<i>Oxylebius pictus</i>	6	3	7	27	13	7	-	5	20
<i>Zaniolepis</i> spp.	2	9	12	11	7	26	7	3	19
Scorpaenidae	-	-	-	-	-	-	-	-	-
<i>Scorpaena</i> spp.	11	11	17	16	25	62	8	3	12
<i>Sebastes</i> spp.	311	273	289	492	387	698	81	207	705
<i>Sebastes</i> spp.	8	2	17	20	20	87	4	14	47
<i>Prionotus</i> spp.	10	9	40	15	30	25	-	-	19
Acanthuridae	-	-	1	-	-	-	-	-	-
Blenioidae	1	-	14	6	4	-	3	-	4
<i>Hypsoblennius</i> spp.	11	14	68	69	73	77	19	6	61
Clinidae	12	21	31	44	64	51	9	10	51
Gobiidae	31	41	87	80	104	198	36	19	138
<i>Icosteus aenigmaticus</i>	1	1	1	1	-	3	-	-	1
Labridae	-	2	9	-	7	-	2	3	-
<i>Halichoeres</i> spp.	12	12	40	18	36	50	4	1	28
<i>Oxyjulis californica</i>	23	22	34	15	31	97	23	15	58
<i>Semicossyphus pulcher</i>	6	10	21	7	27	28	4	-	8
Pomacentridae	-	-	10	4	8	5	-	-	-
<i>Chromis punctipinnis</i>	3	21	42	13	39	105	5	1	54
<i>Hypsypops rubicundus</i>	-	-	1	-	8	1	-	-	-
<i>Mugil</i> spp.	-	-	-	1	1	5	1	-	-
Apogonidae	-	-	-	5	4	3	1	-	-
<i>Howella brodiei</i>	16	7	-	5	-	1	1	1	4
<i>Brama</i> spp.	21	17	17	7	9	21	1	-	12
Carangidae	-	1	20	14	25	13	1	-	3
<i>Seriola lalandi</i>	5	12	15	7	14	30	5	4	9
<i>Trachurus symmetricus</i>	144	208	199	206	214	503	76	85	248
<i>Caristius macropus</i>	-	-	-	-	1	1	-	-	-
<i>Coryphaena hippurus</i>	-	7	2	1	10	5	1	-	1
<i>Chaetodipterus zonatus</i>	-	-	1	-	-	-	-	-	-
Gerreidae	-	2	15	10	14	12	2	-	4
Haemulidae	-	1	13	16	11	17	-	-	4
<i>Girella nigricans</i>	5	1	1	3	3	4	3	7	7
<i>Medialuna californiensis</i>	4	11	13	4	5	22	6	3	12
<i>Caulolatilus princeps</i>	4	3	2	3	7	5	1	-	-
Mullidae	-	-	2	-	-	-	-	-	-

TABLE 5. (cont.)

NAME	1961	1962	1963	1964	1965	1966	1967	1968	1969
Sciaenidae	28	42	85	135	147	157	32	38	195
Serranidae	10	6	68	38	59	91	23	2	72
Spuridae	-	-	1	-	-	-	-	-	-
Polynemidae	7	15	6	5	8	7	-	-	1
Gempylidae	3	-	3	2	4	-	8	2	2
Scombridae	-	-	2	-	8	4	-	-	2
Auxis spp.	7	3	10	8	9	29	1	-	30
Sarda chiliensis	26	32	57	39	34	68	14	-	24
Scomber japonicus	1	-	1	1	5	3	-	-	-
Scomberomorus spp.	10	23	27	17	27	74	10	-	23
Trichiuridae	6	6	22	10	25	31	7	4	15
Sphyræna argentea	38	39	52	78	53	131	18	48	202
Icichthys lockingtoni	-	-	1	1	1	2	-	-	1
Nomeidae	2	19	19	18	45	52	22	11	45
Peprilus similimus	45	76	98	46	31	74	36	5	48
Tetraodonurus cuvieri	25	22	39	13	40	60	6	10	41
Chiasmodontidae	2	-	13	7	4	-	1	-	7
Pleuronectiformes	-	-	2	-	-	-	-	-	-
Bothus spp.	186	221	281	243	342	590	108	101	611
Citharichthys spp.	50	97	65	73	65	171	19	42	289
Citharichthys stigmæus	24	15	44	42	44	83	12	5	52
Hippoglossina stomata	21	37	57	96	107	81	13	13	60
Paralichthys californicus	-	-	3	-	1	3	-	-	-
Syacium ovale	1	9	15	18	8	30	4	-	22
Xystreurus liolepis	2	-	9	18	4	36	-	14	15
Glyptocephalus zachirus	1	-	4	5	10	3	-	-	6
Hypopsetta guttulata	1	1	-	1	2	3	2	2	1
Lepidopsetta bilineata	32	31	33	46	33	72	4	20	65
Lyopsetta exilis	2	-	11	13	16	52	13	17	56
Microstomus pacificus	14	32	41	41	81	80	6	21	80
Parophrys vetulus	-	-	-	-	-	3	-	-	-
Platichthys stellatus	4	3	10	12	1	1	10	3	1
Pleuronichthys spp.	2	2	6	9	5	11	1	3	15
Pleuronichthys coenosus	1	4	-	1	4	11	-	2	11
Pleuronichthys decurrens	5	3	12	12	9	8	2	1	7
Pleuronichthys ritteri	10	47	56	74	88	81	24	18	66
Pleuronichthys verticalis	1	1	5	12	9	10	10	4	14
Psettichthys melanostictus	18	41	73	48	75	138	10	71	71
Symphurus spp.	-	-	-	-	1	-	-	-	-
Soleidae	-	-	-	-	3	-	-	-	-
Tetraodontidae	184	223	274	311	319	542	84	74	458
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